

PRIAMUS

Serial Publication of the Centre for Entomological Studies Ankara

Volume 12, Part 5

25 01 2010

ISSN 1015-8243

Contents: - Koçak,A.Ö. & M.Kemal, Generic replacement names in the family *Megachilidae* (*Hymenoptera*), p. 127 - Koçak,A.Ö. & M.Kemal, Some replacement names among the genus group names in various families of the order *Homoptera*, p.128 - Koçak,A.Ö. & M.Kemal, List of the species of some pterygot orders recorded in the Province Van (East Turkey) and a description of a new species in the family *Cicadidae* (*Insecta*), p.130 - Editorial, p. 150.

Generic replacement names in the family *Megachilidae* (*Hymenoptera*)

Ahmet Ömer Koçak Muhabbet Kemal

Abstract: Generic replacement names in the family *Megachilidae* (*Hymenoptera*). *Priamus* 12 (5): 127-128.

In this paper, following generic names are recorded as junior homonyms; therefore they are considered as invalid names. These are: *Carinella* Pasteels,1965, *Cuspidella* Pasteels,1965 (**syn.n.**), *Microhoplitis* Tkalcu,1993 (**syn.n.**). The following names are proposed here as replacement names: *Cesacongoa* (**nom.n.**), and *Tkalcua* (**nom.n.**).

Key words: *Hymenoptera*, *Megachilidae*, nomenclature, Congo, Morocco, Tunis, Israel, Canary Islands.

Within the frame of ongoing Project Entomofauna of the Old World by the Cesa, nomenclatural studies on the order *Hymenoptera* have been carrying out by the authors for four years. As a result of this survey, in the family of *Megachilidae* of Africa and the Middle East, the following generic names are recorded for the first time as a junior homonyms: *Carinella* Pasteels,1965 nec authors, *Cuspidella* Pasteels,1965 nec Hincks,1866, and *Microhoplitis* Tkalcu,1993 nec Marumo,1920. These names are evaluated below nomenclaturally:

Megachilidae

Megachile (*Callomegachile*) Michener,1962

The subgenus name, *Carinella* Pasteels,1965 (Annls Mus. r. Afr. cent. (Sér. 8 Sci. zool.) No. 137: 447) is invalid as being junior homonym of *Carinella* Johnston 1833 (Mag. nat. Hist. 6: 232) (*Nemertea*), of *Carinella* Sowerby 1839 (Conch. Man.: 19) (*Mollusca*), of *Carinella* Pfeiffer 1875 (Novit. Conch. 4: 116) (*Mollusca*), of *Carinella* Etheridge 1873 (Geol. Mag. 10: 433) (*Bryozoa*), of *Carinella* Mabille 1870 (Ann. Malac. 1: 106) (*Mollusca*), of *Carinella* Waterhouse 1963 (N.Z. Jl Geol. Geophys. 6: 603) (*Gastropoda*). However, this name is currently considered as being junior subjective synonym of *Callomegachile* Michener,1962 in the genus *Megachile* Latreille,1802.

Chalicodoma Lepeletier,1841

Chalicodoma (*Cesacongoa*) nom. n.

The subgenus name, *Cuspidella* Pasteels,1965 (Annls Mus. r. Afr. cent. (Sér. 8 Sci. zool.) No. 137: 544) is invalid as being junior homonym of *Cuspidella* Hincks 1866 (Ann. Mag. nat. Hist. (3) 18: 298)

(*Coelenterata*). According to the Code (ICZN)¹, a junior homonym name cannot be used as valid name for a taxon.² However, this name is currently treated as valid.³ There is no junior synonym of *Cuspidella* Pasteels,1965; therefore we propose here a replacement name, *Cesacongoa* nom.n. for *Cuspidella* Pasteels,1965 nec Hinck,1866. New name is a combination of the institutional name and the new state name, Democratic Republic of Congo, instead of Zaire.

Necessary name combination is given below:

Chalicodoma (Cesacongoa) quadricauda Pasteels, 1965 (**comb.n.**) D.R.Congo: Upemba NP.

***Hoplitis* Klug,1807**

***Hoplitis (Tkalcua)* nom.n.**

The subgenus name, *Microhoplitis* Tkalcu,1993 (Veroeffentlichungen aus dem Uebersee-Museum Bremen Naturwissenschaften 12(2): 811) is invalid as being junior homonym of *Microhoplitis* Marumo,1920 (J. Coll. Agric. Univ. Tokyo 6: 281, 296) (Lepidoptera). According to the Code (ICZN)⁴, a junior homonym name cannot be used as valid name for a taxon.⁵ However, this name is treated as valid.⁶ There is no junior synonym of *Microhoplitis* Tkalcu,1993; therefore we propose here a replacement name, *Tkalcua* nom. n. for *Microhoplitis* Tkalcu,1993 nec Marumo, 1920. The new name is dedicated to the original author of the pre-occupied name.

Necessary name combinations are given below:

Hoplitis (Tkalcua) paralias (Mavromoustakis,1954) (**comb.n.**) Marocco, Tunis, Israel.

Hoplitis (Tkalcua) zandeni (Teunissen & van Achterberg,1992) (**comb.n.**) Canary Islands.

Some replacement names among the genus group names in various families of the order *Homoptera*

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Abstract: Some replacement names among the genus group names in various families of the order Homoptera. *Priamus* 12 (5): 128-130.

In this paper, following generic names are recorded as junior homonyms; therefore they are considered as invalid names. These are: *Thymalops* Fennah,1965 (Delphacidae) (**syn.n.**), *Alaca* Oman,1938 (Cicadellidae) (**syn.n.**), *Straelenia* Lallemand & Synave,1955 (Cercopidae) (**syn.n.**). *Weyrauchia* Lallemand,1956 (Fulgoridae) (**syn.n.**). The following names are proposed here as replacement names: *Queenslandicesa* (**nom.n.**) (Delphacidae), *Latinocesa* (**nom.n.**) (Cicadellidae), *Cesapapua* (**nom.n.**) (Cercopidae), and *Fulgoricesa* (**nom.n.**) (Fulgoridae). The followings are the new combinations: *Queenslandicesa andlerida* (Kirkaldy,1907) (**comb.n.**) from Australia. *Queenslandicesa taiwana* (Yang,1989) (**comb.n.**) from Taiwan. *Latinocesa longicauda* (Oman,1938) (**comb.n.**) from Argentina, *Latinocesa multipunctata* (Osborn,1923) (**comb.n.**) from Bolivia and Paraguay. *Latinocesa wygodzinskyi* (Linnauvori,1954) (**comb.n.**) from Argentina. *Cesapapua araucariana* (Lallemand & Synave,1955) (**comb.n.**) from Papua New Guinea. *Fulgoricesa peruviana* (Lallemand,1956) (**comb.n.**) from Peru.

Key words: Homoptera, Delphacidae, Cicadellidae, Cercopidae, Fulgoridae, nomenclature, Australia, papua New Guinea, Taiwan, Argentina, Bolivia, Paraguay, Peru.

¹ International Commission on Zoological Nomenclature (1999) *International Code of Zoological Nomenclature. Fourth Edition*. The International Trust for Zoological Nomenclature, London. 306 pp.

² Watanabe,C., 1972, A revision of the Helconini of Japan and a review of Helconine genera of the World (Hymenoptera, Braconidae). *Insecta Matsumurana* 35 (1): 1-18.

³ <http://www.atlashymenoptera.net/page.asp?id=76> (access on 18 Jan.,2010)
<http://www.faculty.ucr.edu/~heraty/beepage.html> (access on 18 Jan.,2010)

⁴ International Commission on Zoological Nomenclature (1999) *International Code of Zoological Nomenclature. Fourth Edition*. The International Trust for Zoological Nomenclature, London. 306 pp.

⁵ Watanabe,C., 1972, A revision of the Helconini of Japan and a review of Helconine genera of the World (Hymenoptera, Braconidae). *Insecta Matsumurana* 35 (1): 1-18.

⁶ <http://www.atlashymenoptera.net/page.asp?id=76> (access on 18 Jan.,2010)
<http://www.faculty.ucr.edu/~heraty/beepage.html> (access on 18 Jan.,2010)

Within the frame of ongoing Project Entomofauna of the World by the Cesa, nomenclatural studies on the order *Homoptera* have been carrying out by the authors for many years. As a result of this survey, in the family of *Delphacidae* of Australia, the following generic name is recorded for the first time as a junior homonym: *Thymalops* Fennah,1965. In the family *Cicadellidae*, the genus name, *Alaca* Oman,1938 is invalid as being junior homonym of *Alaca* Boettger,1911. In the family *Cercopidae*, the genus name *Straelenia* Lallemand & Synave,1955 is invalid as being junior homonym of *Straelenia* Maillieux 1935. In the family *Fulgoridae*, the genus name *Weyrauchia* Lallemand,1956 is invalid as being junior homonym of *Weyrauchia* Malaise 1955 and *Weyrauchia* Tippmann 1953. These names are evaluated nomenclaturally as follows:

Delphacidae ***Queenslandicesa* nom.n.**

The genus name, *Thymalops* Fennah,1965 (Bull. Br. Mus. nat. Hist. (Ent.) 17: 20)⁷ is invalid as being junior homonym of *Thymalops* Iablokoff Khnzorian,1962 (Folia ent. hung. (N.S.) 15: 424) (Coleoptera). According to the Code (ICZN)⁸, a junior homonym name cannot be used as valid name for a taxon.⁹ However, this name is currently treated as valid.¹⁰ There is no junior synonym of *Thymalops* Fennah,1965; therefore we propose here a replacement name, *Queenslandicesa* nom.n. for *Thymalops* Fennah,1965 nec Iablokoff Khnzorian,1962. The new name is a combination of the institutional name and the regional name, where the pre-occupied name established.

Necessary name combinations are given below:

Queenslandicesa anderida (Kirkaldy,1907) (**comb.n.**) Australia.

Queenslandicesa taiwana (Yang,1989) (**comb.n.**) Taiwan.

Cicadellidae ***Latinocesa* nom. n.**

The genus name, *Alaca* Oman,1938 (Kans. Univ. Sci. Bull. 24: 386) is invalid as being junior homonym of *Alaca* Boettger,1911 (NachrBl. dt. malakozool. Ges. 43: 24) (Mollusca). According to the Code (ICZN)¹¹, a junior homonym name cannot be used as valid name for a taxon. However, this name is currently treated as valid.¹² There is no junior synonym of *Alaca* Oman,1938; therefore we propose here a replacement name, *Latinocesa* nom.n. for *Alaca* Oman,1938 nec Boettger,1911. The new name is a combination of the institutional name and the region of America, where the pre-occupied name established.

Necessary name combinations are given below:

Latinocesa longicauda (Oman,1938) (**comb.n.**) Argentina

Latinocesa multipunctata (Osborn,1923) (**comb.n.**) Bolivia, Paraguay.

Latinocesa wygodzinskyi (Linnavuori,1954) (**comb.n.**) Argentina.

***Cercopidae* Westwood,1838**

***Cesapapua* nom.n.**

The genus name *Straelenia* Lallemand & Synave,1955 (Results of the Archbold Expeditions. Description de cercopides nouveaux recueillis en Nouvelle Guinée durant les années 1938 et 1939.. *Treubia* 23: 53-67) is invalid as being junior homonym of *Straelenia* Maillieux 1935 (Mém. Mus. Hist. nat. Belgique

⁷ Fennah, R.G. 1965. Delphacidae from Australia and New Zealand (Homoptera: Fulgoroidea). *Bulletin of the British Museum (Natural History), Entomology* 17(1): 1-59

⁸ International Commission on Zoological Nomenclature (1999) *International Code of Zoological Nomenclature. Fourth Edition*. The International Trust for Zoological Nomenclature, London. 306 pp.

⁹ Watanabe,C., 1972, A revision of the Helconini of Japan and a review of Helconine genera of the World (Hymenoptera, Braconidae). *Insecta Matsumurana* 35 (1): 1-18.

¹⁰ <http://www.environment.gov.au/biodiversity/abrs/online-resources/fauna/afd/taxa/Thymalops> (access on 18 Jan.,2010)
<http://www1.dpi.nsw.gov.au/keys/auch/splistt.htm> (access on 18 Jan.,2010), etc.

¹¹ International Commission on Zoological Nomenclature (1999) *International Code of Zoological Nomenclature. Fourth Edition*. The International Trust for Zoological Nomenclature, London. 306 pp.

¹² <http://www.sel.barc.usda.gov/Selhome/leafhoppers/HTML/A.html> (access on 18 Jan.,2010);
<http://redalyc.uaemex.mx/redalyc/pdf/491/49103203.pdf>

70: 10) (Brach.). According to the Code (ICZN)¹³, a junior homonym name cannot be used as valid name for a taxon. However, this name is currently treated as valid.¹⁴ There is no junior synonym of *Straelenia* Lallemand & Synave, 1955; therefore we propose here a replacement name, *Cesapapua* nom.n. for *Straelenia* Lallemand & Synave, 1955 nec Maillieux 1935. The new name is a combination of the institutional name and the region, where the pre-occupied name established.

Necessary name combination is given below:

Cesapapua araucariana (Lallemand & Synave, 1955) (**comb.n.**) Papua New Guinea.

Fulgoridae
Episciini
***Fulgoricesa* nom.n.**

The genus name *Weyrauchia* Lallemand, 1956 (Bull. Inst. r. Sci. nat. Belg. 32 (39): 5)¹⁵ is invalid as being junior homonym of *Weyrauchia* Malaise 1955 (Ent. Tidskr. 76: 113) (*Hymenoptera*) and *Weyrauchia* Tippmann 1953 (Dusenia 4: 226) (*Coleoptera*). According to the Code (ICZN)¹⁶, a junior homonym name cannot be used as valid name for a taxon. However, this name is currently treated as valid.¹⁷ There is no junior synonym of *Straelenia* Lallemand & Synave, 1955; therefore we propose here a replacement name, *Fulgoricesa* nom.n. for *Weyrauchia* Lallemand, 1956 nec Malaise 1955 non Tippmann 1953. The new name is a combination of the institutional name and the family name, where the pre-occupied name included.

Necessary name combination is given below:

Fulgoricesa peruviana (Lallemand, 1956) (**comb.n.**) Peru.

List of the species of some pterygot orders recorded in the Province Van (East Turkey) and a description of a new species in the family *Cicadidae* (*Insecta*)¹⁸

Ahmet Ömer Koçak Muhabbet Kemal

Abstract: List of the species of some pterygot orders recorded in the Province Van (East Turkey) and a description of a new species in the family *Cicadidae* (*Insecta*). *Priamus* 12 (5): 130-149.

In this paper, a synonymous list of 522 species belonging to 12 pterygot orders recorded in Van Province are listed alphabetically. Distributional information of each species are mentioned as provincial codes of Turkey. A new species, In the family *Cicadidae*, *Tibicina serhadensis* sp.n. is also described briefly from Van Province.

Key words: Fauna, distribution, Van, Turkey, species, *Coleoptera*, *Blattodea*, *Dermoptera*, *Diptera*, *Hemiptera*, *Homoptera*, *Hymenoptera*, *Mantodea*, *Mecoptera*, *Neuroptera*, *Odonata*, *Orthoptera*.

The aim of this paper is to gather the published information on the provincial fauna of the *Pterygota*, as well as the results of the field studies of the authors. For this purpose, 522 species of the following 12 orders are listed here alphabetically: *Coleoptera* (123), *Blattodea* (2), *Dermoptera*

¹³ International Commission on Zoological Nomenclature (1999) *International Code of Zoological Nomenclature. Fourth Edition*. The International Trust for Zoological Nomenclature, London. 306 pp.

¹⁴ <http://rameau.snv.jussieu.fr/cool/database.php?db=cool&lang=en&card=genus&id=133> (access on 18 Jan., 2010)

¹⁵ Contribution a l'étude des Fulgoridae (Hemiptera) (premiere note). Bull Inst Sci nat Belg Brussels, 32(no. 39) 1956: 1-7.

¹⁶ International Commission on Zoological Nomenclature (1999) *International Code of Zoological Nomenclature. Fourth Edition*. The International Trust for Zoological Nomenclature, London. 306 pp.

¹⁷ Urban, J.M. & J.R. Cryan, 2009, Entomologically famous, evolutionarily unexplored: The first phylogeny of the lanternfly family Fulgoridae (Insecta: Hemiptera: Fulgoroidea). Mol. Phyl. Evol. 50: 471-484. [author name of the species *Weyrauchia peruviana*, written erroneously as "Nast" [p.473]

¹⁸ This article is one of the results of the Project Entomofauna of Turkey (ET).

(4), *Diptera* (100), *Hemiptera* (25), *Homoptera* (97), *Hymenoptera* (91), *Mantodea* (2), *Mecoptera* (1), *Neuroptera* (14), *Odonata* (22), and *Orthoptera* (41). The Lepidoptera will be evaluated in a separate article in future.

The list of the species submitted here is clearly initial, due to the faunistical researches of the authors in this province are still continuing. The expected number of the pterygot species of a province in Turkey is about 5000. Hitherto recorded number of the species, including the Lepidoptera, is only 1649. This number appears relatively low, if it is compared with some Turkish provinces (**Table 1**). For example, number of the pterygot species in Van is currently known of almost 33% of the expected one. Similarly, in Bitlis the known species is %17.20 of the expected faunal number. Therefore, the authors have a program of an extensive field studies in this year in the provinces of South East Turkey.

Table 1 - Number of the species of the Lepidoptera and other 12 pterygot orders in the selected ten provinces of Turkey. The present rate is calculated by using the estimated target number of species, i.e., 5000 for each province. stand 1.1.2010.

Province	Lepidoptera	other 12 orders	total	rate %
Ankara	1436	1383	2819	56.38
Konya	1273	798	2071	41.42
Bursa	1303	659	1962	39.24
Erzurum	796	1071	1867	37.34
İçel	857	966	1823	36.46
Amasya	1424	330	1754	35.08
Antalya	573	1103	1676	33.52
Van	1127	522	1649	32.98
Bitlis	628	232	860	17.20
Diyarbakır	263	356	619	12.38

Alphabetical list of the species recorded in Van Province

In the following list, totally 522 species are given alphabetically. The species belong to the following orders: *Coleoptera*, *Blattodea*, *Dermoptera*, *Diptera*, *Hemiptera*, *Homoptera*, *Hymenoptera*, *Mantodea*, *Mecoptera*, *Neuroptera*, *Odonata*, and *Orthoptera*. To each species, their families and chronologically arranged synonyms are added. Unavailable names are marked with #. Distribution of the species in Turkey are explained as provincial codes. These codes are mentioned below:

01 Adana	18 Cankırı	35 İzmir	52 Ordu	69 Bayburt
02 Adiyaman	19 Çorum	36 Kars	53 Rize	70 Karaman
03 Afyonkarahisar	20 Denizli	37 Kastamonu	54 Sakarya	71 Kırıkkale
04 Ağrı	21 Diyarbakır	38 Kayseri	55 Samsun	72 Batman
05 Amasya	22 Edirne	39 Kırklareli	56 Siirt	73 Şırnak
06 Ankara	23 Elazığ	40 Kırşehir	57 Sinop	74 Bartın
07 Antalya	24 Erzincan	41 Kocaeli (İzmit)	58 Sivas	75 Ardahan
08 Artvin	25 Erzurum	42 Konya	59 Tekirdağ	76 İğdır
09 Aydın	26 Eskisehir	43 Kütahya	60 Tokat	77 Yalova
10 Balıkesir	27 Gaziantep	44 Malatya	61 Trabzon	78 Karabük
11 Bilecik	28 Giresun	45 Manisa	62 Tunceli	79 Kılıç
12 Bingöl	29 Gümüşhane	46 Kahramanmaraş	63 Şanlıurfa	80 Osmaniye
13 Bitlis	30 Hakkari	47 Mardin	64 Uşak	81 Düzce
14 Bolu	31 Hatay	48 Muğla	65 Van	
15 Burdur	32 Isparta	49 Muş	66 Yozgat	
16 Bursa	33 İçel (Mersin)	50 Nevşehir	67 Zonguldak	
17 Çanakkale	34 İstanbul	51 Niğde	68 Aksaray	

1. **Ablabemyia monilis (Linnaeus,1758)** (Chironomidae) ¹⁹ Synonym(s): *monilis Linnaeus,1758* **65**
2. **Ablabemyia phatta (Egger,1896)** (Chironomidae) Synonym(s): *phatta Egger,1896* **65**
3. **Acanthiophilus helianthi (Rossi,1790)** (Tephritidae) Synonym(s): *helianthi Rossi,1790; eluta Meigen,1826* **01 03 06 07 10 16 20 21 32 33 35 38 41 42 45 46 48 51 58 65 70**
4. **Acrotylus insubricus (Scopoli,1786)** (Acrididae) Synonym(s): *insubricus Scopoli,1786; maculatum Olivier,1791; fasciatus Fabricius,1793; maderae Audinet-Serville,1838; infictus Walker,1870; variegata Walker,1870; versicolor Burr,1898; biskrensis Maran,1958* **01 06 11 12 16 23 31 33 34 35 38 41 42 43 45 46 55 61 65**
5. **Adesmia (s.str.) fischeri Faldermann,1837** (Tenebrionidae) Synonym(s): *fischeri Faldermann,1837* **23 65**
6. **Aeshna affinis Van Der Linden,1820** (Aeshnidae) Synonym(s): *affinis Van Der Linden,1820* **07 42 45 65**
7. **Aeshna serrata (Hagen,1856)** (Aeshnidae) Synonym(s): *serrata Hagen,1856* **65**
8. **Agabus (Gaurodytes) bipustulatus (Linnaeus,1767)** (Dytiscidae) Synonym(s): *bipustulatus Linnaeus,1767* **01 06 07 08 16 32 34 35 36 37 38 41 42 48 53 61 64 65**
9. **Agabus (Gaurodytes) dilatatus (Brullé,1832)** (Dytiscidae) Synonym(s): *dilatatus Brullé,1832* **01 06 16 29 32 35 41 42 53 61 65**
10. **Agallia bispinata (Dlabola,1957)** (Cicadellidae) Synonym(s): *bispinata Dlabola,1957* **06 17 28 29 62 65**
11. **Agalmatium flavescentes (Olivier,1791)** (Issidae) Synonym(s): *flavescentes Olivier,1791; grylloides Fabricius,1794; liliimacula O.Costa,1834; bifasciatus O.Costa,1834; smyrnensis Spinola,1839; dufouri Spinola,1839; sicula O.Costa,1840; zelleri Kirschbaum,1868* **19 22 37 59 65 67**
12. **Agenioideus apicalis (Van der Linden,1827)** (Pompilidae) Synonym(s): *apicalis Van der Linden,1827* **24 60 63 65**
13. **Agenioideus ciliatus (Lepeletier,1845)** (Pompilidae) Synonym(s): *ciliatus Lepeletier,1845; acrobates Ferton,1911* **05 25 36 42 50 51 58 60 63 65 69 76**
14. **Agenioideus excisus (Morawitz,1890)** (Pompilidae) Synonym(s): *excisus Morawitz,1890; emarginatus Haupt* **01 04 06 09 10 23 24 25 30 33 42 44 50 60 63 65**
15. **Agenioideus ruficeps (Eversmann,1849)** (Pompilidae) Synonym(s): *ruficeps Eversmann,1849* **04 06 09 20 24 25 30 33 38 42 50 63 65 71**
16. **Agenioideus sericeus (Van der Linden,1827)** (Pompilidae) Synonym(s): *sericeus Van der Linden,1827* **06 08 12 20 25 30 33 36 50 65 73 76**
17. **Agenioideus vesanus (Kohl,1907)** (Pompilidae) Synonym(s): *vesanus Kohl,1907* **30 65**
18. **Agonum viridicupreum (Goeze,1777)** (Carabidae) Synonym(s): *viridicupreum Goeze,1777* **06 65**
19. **Ammophila heydeni Dahlbom,1845** (Sphecidae) Synonym(s): *heydeni Dahlbom,1845* **65**
20. **Amphicoma (Pygopleurus) koniae Petrovitz,1957** (Glaphyridae) Synonym(s): *koniae Petrovitz,1957; vulpoides Petrovitz,1968* **42 65**
21. **Amphicoma (Pygopleurus) sexualis Petrovitz,1968** (Glaphyridae) Synonym(s): *sexualis Petrovitz,1968; muliebris Petrovitz,1968* **65**
22. **Amphicoma (Rudeulasia) hybrida (Reitter,1890)** (Glaphyridae) Synonym(s): *hybrida Reitter,1890; agricola Reitter,1890; ithae Reitter,1903* **06 12 21 23 24 27 30 32 38 44 46 47 49 56 62 63 65**
23. **Amphicoma (Rudeulasia) pulchra (Reitter,1890)** (Glaphyridae) Synonym(s): *pulchra Reitter,1890; kurdistana Petrovitz,1968* **21 23 30 44 47 56 65**
24. **Amphicoma (Vittateulasia) vittata (Fabricius,1775)** (Glaphyridae) Synonym(s): *vittata Fabricius,1775; lineata Faldermann,1835; strigata Waltl,1838; smyrnensis Castelnau,1840; syriaca Kollar & Redtenbacher,1843; africana Reitter,1890; chrysura Reitter,1890; decorata Reitter,1890; semifulva Reitter,1890; lateritia Reitter,1903; pseudochrysura Mksic,1960; persica Petrovitz,1963* **13 19 35 60 65**
25. **Anax imperator Leach,1815** (Aeshnidae) Synonym(s): *imperator Leach,1815* **06 07 08 15 34 42 45 65 67**
26. **Ancistrocerus oviventris (Wesmael,1836)** (Vespidae) Synonym(s): *oviventris Wesmael,1836* **05 06 24 25 29 34 38 65 69**
27. **Anechura bipunctata (Fabricius,1781)** (Forficulidae) Synonym(s): *bipunctata Fabricius,1781; asiatica Semenov,1903; fabricii Fieber,1854* **38 65**

¹⁹ The Chironomid Midges are called here "Vangölü sineği". Totally 41 chironomid species are recorded around the Van lake so far. As in many places in the World, where the people settled near lakes, rivers, or similar aquatic habitats, the inhabitants of Van city have problems due to frequently population explosions of the chironomids. Besides, in summer nights, from June to September, the Midge swarms create dangerous driving conditions on highways out of the cities. As management, the following programs should be realized: First of all, instead of impractical chemical control, the level of the organic pollution in Van Lake due to the anthropogenic factors must be controlled and diminished as soon as possible. Secondly, along the coastal area, if a nuisance exists, reliefs may be achieved by strategic lighting and shrubbery and tree placement as windbreak barriers.

28. *Anisoplia (Chaetopteroelia) segetum (Herbst,1783)* (Scarabaeidae) Synonym(s): *segetum Herbst,1783* **19 44 65**

29. *Anoplius concinnus (Dahlbom,1845)* (Pompilidae) Synonym(s): *concinnus Dahlbom,1845* **08 25 31 33 36 42 50 60 61 64 65 76**

30. *Anoplius infuscatus (Van der Linden,1827)* (Pompilidae) Synonym(s): *infuscatus Van der Linden,1827; meticulosus Costa,1882* **01 06 07 08 09 11 24 25 31 30 33 34 36 42 44 46 50 52 53 55 58 63 65 70 71 76 78**

31. *Anoplius samariensis (Pallas,1771)* (Pompilidae) Synonym(s): *samariensis Pallas,1771* **01 04 06 24 25 30 33 36 38 42 50 51 58 65 69**

32. *Anoplius schlettereri (Radoszkowski,1888)* (Pompilidae) Synonym(s): *schlettereri Radoszkowski,1888; niger Priesner,1967* **04 12 16 24 25 27 33 34 42 44 46 69 70 73**

33. *Anoplius viaticus (Linnaeus,1758)* (Pompilidae) Synonym(s): *viaticus Linnaeus,1758; nigripennis Tournier,1890* **02 05 06 07 08 11 12 13 16 21 22 23 24 25 30 31 32 33 34 35 36 38 39 42 43 46 50 51 53 55 58 60 63 64 65 69 76 80**

34. *Antepipona insana (Giordani Soika,1943)* (Vespidae) Synonym(s): *insana Giordani Soika,1943; calva Gusenleitner,1988* **06 08 25 65**

35. *Aphelocheirus aestivalis (Fabricius,1794)* (Aphelocheiridae) Synonym(s): *aestivalis Fabricius,1794* **65**

36. *Aphis fabae Scopoli,1763* (Aphididae) Synonym(s): *fabae Scopoli,1763* **65**

37. *Aphrodes bicinctus (Schrank,1776)* (Cicadellidae) Synonym(s): *striata Linnaeus,1761 (praeocc.); rustica Fabricius,1775 (praeocc.); bicinctus Schrank,1776; ochromelas Gmelin,1790; variegata Fabricius,1794; striatella Fabricius,1794; transversa Fabricius,1798; strigata Turton,1802; pallidus Curtis,1836; cardui Curtis,1836; fasciatus Curtis,1836; obscurus Curtis,1836; rugosus Curtis,1836; sparsus Curtis,1836; unicolor Curtis,1836; pulverulenta Curtis,1837; adustus Hardy,1850; obtusifrons Kirschbaum,1868; signifrons Rey,1894; aestuarinus Edwards,1908; brevior Melichar,1914; alpinus Prohaska,1923; diminutus Ribaut,1952; centrossicus Zachvatkin,1952; ferganensis Dubovsky,1966* **01 03 06 07 11 16 17 21 22 23 24 25 27 28 29 34 35 36 39 42 43 45 48 51 52 53 54 55 57 59 60 61 64 65 67 73**

38. *Aphrodes elongatus (Lethierry,1876)* (Cicadellidae) Synonym(s): *elongatus Lethierry,1876* **38 65**

39. *Aphthona crassicornis Lopatin,1990* (Chrysomelidae) Synonym(s): *crassicornis Lopatin,1990* **65**

40. *Apis mellifera Linnaeus,1758* (Apidae) Synonym(s): *mellifera Linnaeus,1758; mellifica Linnaeus,1761* **06 35 41 65 75**

41. *Aporinellus sexmaculatus (Spinola,1805)* (Pompilidae) Synonym(s): *sexmaculatus Spinola,1805; asiaticus Gussakovskii,1935* **07 11 24 25 33 34 36 38 42 43 50 58 63 65**

42. *Apsectrotamypus trifascipennis (Zetterstedt,1850)* (Chironomidae) Synonym(s): *trifascipennis Zetterstedt,1850* **08 12 23 24 65**

43. *Arachnospila fumipennis (Zetterstedt,1838)* (Pompilidae) Synonym(s): *fumipennis Zetterstedt,1838* **08 25 65 75**

44. *Arachnospila hedickei (Haupt,1929)* (Pompilidae) Synonym(s): *hedickei Haupt,1929* **25 29 50 65**

45. *Arachnospila osmana (Wolf,1999)* (Pompilidae) Synonym(s): *osmana Wolf,1999* **65**

46. *Arachnospila rufa (Haupt,1927)* (Pompilidae) Synonym(s): *rufa Haupt,1927* **06 24 25 38 65**

47. *Arcyptera (Pararcyptera) microptera (Fischer de Waldheim,1833)* (Acrididae) Synonym(s): *microptera Fischer de Waldheim,1833* **30 65**

48. *Artianus manderstjernii (Kirschbaum,1868)* (Cicadellidae) Synonym(s): *manderstjernii Kirschbaum,1868* **04 06 07 10 18 21 22 27 35 39 63 65 67**

49. *Attelabus nitens (Scopoli,1763)* (Attelabidae) Synonym(s): *nitens Scopoli,1763; curculionoides Linnaeus,1767; coryli Müller,1776; maculipes Rondani,1833* **01 07 08 09 11 13 16 31 33 34 62 65 80**

50. *Atylotus hendrixi Leclercq,1967* (Tabanidae) Synonym(s): *hendrixi Leclercq,1967* **01 03 06 08 15 25 26 30 33 38 42 65 66**

51. *Auplopus carbonarius (Scopoli,1763)* (Pompilidae) Synonym(s): *carbonarius Scopoli,1763* **04 07 08 09 21 24 25 26 27 31 33 38 42 45 50 61 63 65 66**

52. *Auplopus rectus (Haupt,1927)* (Pompilidae) Synonym(s): *rectus Haupt,1927; ater Haupt,1930* **06 08 11 14 20 22 24 25 29 30 31 33 36 42 47 50 51 52 53 58 60 63 65 73**

53. *Balclutha pellucens Horvath,1909* (Cicadellidae) Synonym(s): *pellucens Horvath,1909; viridella Lindberg,1941* **02 04 05 06 08 13 14 15 18 21 24 25 30 36 47 55 65 76**

54. *Balclutha rhenana Wagner,1939* (Cicadellidae) Synonym(s): *rhenana Wagner,1939* **07 10 25 33 44 65**

55. *Batozonellus lacerticida (Pallas,1771)* (Pompilidae) Synonym(s): *lacerticida Pallas,1771* **07 09 25 31 33 37 42 60 65**

56. *Batracomorphus irroratus Lewis,1834* (Cicadellidae) Synonym(s): *irroratus Lewis,1834; microcephalus Herrich-Schäffer,1838; punctulatus Forel,1858; punctuosus Kirschbaum,1868; verrucosa Haupt,1917* **01 02 06 14 15 21 25 38 50 58 59 65**

57. *Bembecinus acanthomerus (Morice,1911)* (Crabronidae) Synonym(s): *acanthomerus Morice,1911* **02 13 30 33 42 47 56 63 65 73**

58. *Bembecinus nigrolabrum* Schmid-Egger,2004 (Crabronidae) Synonym(s): *nigrolabrum* Schmid-Egger,2004 **04 50 65**

59. *Bembecinus peregrinus* (Smith,1856) (Crabronidae) Synonym(s): *peregrinus* Smith,1856; *erberi* Mocsary,1881; *biarmatus* Mocsary,1883 **01 02 04 05 07 09 13 23 25 33 35 42 44 48 56 63 65 73 80**

60. *Bembecinus tridens* (Fabricius,1781) (Crabronidae) Synonym(s): *tridens* Fabricius,1781; *cinctus* Rossi,1790; *repandus* Panzer,1801; *sinuatus* Latreille,1805; *satsumanus* Sonan,1934; *errans* De Beaumont,1950 **02 07 27 15 30 33 36 38 41 51 63 65 73**

61. *Berosus (Enoplurus) spinosus* (Steven,1808) (Hydrophilidae) Synonym(s): *spinosus* Steven,1808 **01 03 06 09 22 23 31 33 36 44 65**

62. *Bibio marci* (Linnaeus,1758) (Bibionidae) Synonym(s): *marci* Linnaeus,1758 **65**

63. *Blaps tibialis* Reiche & Saulcy,1857 (Tenebrionidae) Synonym(s): *tibialis* Reiche & Saulcy,1857 **04 06 07 09 15 21 22 26 33 34 35 38 39 42 45 46 50 51 58 65 80**

64. *Blatta orientalis* Linnaeus,1758 (Blattidae) Synonym(s): *orientalis* Linnaeus,1758 **06 16 34 42 65 80**

65. *Bolivaria brachyptera* (Pallas,1773) (Mantidae) Synonym(s): *brachyptera* Pallas,1773 **05 06 08 26 27 33 35 42 44 46 65 78**

66. *Bombylella atra* (Scopoli,1763) (Bombyliidae) Synonym(s): *ater* Scopoli,1763; *#quartus* Schaeffer,1768; *uralensis* Gmelin,1790; *barbulus* Pallas,1818; *lugubris* Loew,1855 **65**

67. *Brachycerus quadrисulcatus* Fischer v.Waldheim,1830 (Brachyceridae) Synonym(s): *quadrисulcatus* Fischer v.Waldheim,1830; *difformis* Faldermann,1837 **21 27 31 44 49 65**

68. *Brachymeria femorata* (Panzer,1801) (Chalcididae) Synonym(s): *femorata* Panzer,1801; *ornatipes* Cameron,1906; *immaculata* Masi,1951 **65**

69. *Brumus octosignatus* (Gebler,1830) (Coccinellidae) Synonym(s): *octosignatus* Gebler,1830 **01 06 22 25 32 38 65**

70. *Bubopsis hamatus* (Klug,1834) (Ascalaphidae) Synonym(s): *hamatus* Klug,1834 **01 02 05 07 17 21 23 32 34 44 47 56 58 63 65 80**

71. *Callimenus dilatatus* (Stal,1876) (Tettigoniidae) Synonym(s): *dilatatus* Stal,1876 **05 06 13 23 35 42 65 70 71**

72. *Calliptamus barbarus* (Costa,1836) (Acrididae) Synonym(s): *barbarus* Costa,1836; *ictericus* Audinet-Serville,1838; *siculus* Burmeister,1838; *discoidalis* Walker,1870; *minimus* Ivanov,1888; *deserticola* Vosseler,1902; *punctata* Kirby,1914; *montanus* Chopard,1937; *pallidipes* Chopard,1943; *chopardi* Grassé & Hollande,1945; *monspelliensis* Grassé & Hollande,1945; *nanus* Mishchenko,1951; *parvus* Maran,1952; *salina* Maran,1954; **01 03 04 05 06 07 08 09 10 13 14 15 16 17 19 20 21 22 23 25 26 27 31 32 33 34 35 36 37 38 39 41 42 44 45 48 49 50 51 53 55 58 59 60 62 63 64 65 71 78**

73. *Calliptamus italicus* (Linnaeus,1758) (Acrididae) Synonym(s): *italicus* Linnaeus,1758; *germanicus* Fabricius,1775; *affinis* Thunberg,1815; *fuscipatum* Hahn,1836; *marginellis* Serville,1838; *cerisanus* Serville,1838; *marmoratus* Fischer von Waldheim,1846; *blandus* Ivanov,1888; *bilineata* Puschnig,1910; *anachoretus* Baranov,1925; *gilvonigricans* Voroncovsky,1927; *grandis* Ramme,1927; *reductus* Ramme,1927; *afghanus* Ramme,1952 **01 03 06 07 09 13 16 25 26 31 33 34 35 36 39 43 46 49 55 59 60 61 65 77 80**

74. *Calopteryx intermedia* Selys,1887 (Calopterygidae) Synonym(s): *intermedia* Selys,1887 **01 02 07 11 31 33 35 38 45 46 47 48 65 80**

75. *Calosoma sycophanta* (Linnaeus,1758) (Carabidae) Synonym(s): *sycophanta* Linnaeus,1758; *severum* Chaudoir,1850 **06 61 65**

76. *Campiglossa producta* Loew,1844 (Tephritidae) Synonym(s): *producta* Loew,1844 **01 06 07 08 15 25 29 32 33 41 42 45 51 38 48 58 65 66 70**

77. *Campiglossa tesellata* (Loew,1844) (Tephritidae) Synonym(s): *tesellata* Loew,1844; *producta* Loew,1844 **04 07 35 38 45 48 65**

78. *Capnodis marquardti* Reitter,1913 (Buprestidae) Synonym(s): *marquardti* Reitter,1913 **12 65**

79. *Carabus (Lamprostus) calleyi* Fischer von Waldheim,1823 (Carabidae) Synonym(s): *calleyi* Fischer von Waldheim,1823 **65**

80. *Carabus (Procrustes) chevrolati* Cristoforis & Jan,1837 (Carabidae) Synonym(s): *chevrolati* Cristoforis & Jan,1837; *assimilis* Cristoforis & Jan,1837; *persimilis* Csiki,1927 **13 18 65**

81. *Catoplatus brevicornis* Akramovskaya & Golub,1973 (Tingidae) Synonym(s): *brevicornis* Akramovskaya & Golub,1973 **01 08 13 30 65**

82. *Celes variabilis* (Pallas,1771) (Acrididae) Synonym(s): *variabilis* Pallas,1771; *rhodoptilus* Charpentier,1825; *subcoeruleipennis* Charpentier,1825; *#arbonarius* Uvarov,1917 **01 06 16 19 25 26 33 34 35 38 46 64 65**

83. *Cephalochilus draco* Giordani & Soika,1970 (Vespidae) Synonym(s): *draco* Giordani & Soika,1970 **06 09 16 35 47 63 65 73**

84. *Cerapterocerus mirabilis* Westwood,1833 (Encyrtidae) Synonym(s): *mirabilis* Westwood,1833; *anebus* Walker,1837; *platicera* Costa,1839; *mirabilicornis* Förster,1841; *maculipennis* Ratzeburg,1848; *multiradiatus* Thomson,1876 **32 35 65**

85. **Ceratophygadeuon anurus (Thomson,1884)** (Ichneumonidae) Synonym(s): *anurus Thomson,1884* **65**

86. **Ceropales albicincta (Rossi,1790)** (Pompilidae) Synonym(s): *albicincta Rossi,1790; wolfi Moczar,1978* **01 04 06 11 23 24 25 30 33 36 42 55 58 65 66**

87. **Ceropales helvetica Tournier,1889** (Pompilidae) Synonym(s): *helvetica Tournier,1889* **06 07 08 30 31 33 36 42 44 50 51 65**

88. **Cetonia (s.str.) aurata (Linnaeus,1761)** (Scarabaeidae) Synonym(s): *aurata Linnaeus,1761; smaragdus De Geer,1774; aenea Fuessly,1778; chlorochrysa Schrank,1776; viridicoruscus Voet,1779; maculata Scriba,1790; variabilis Preyss,1790; piligera Mulsant & Rey,1842; praecincta Mulsant & Rey,1842; clermonti Bourgin,1948* **01 05 12 14 27 48 57 60 65 67 70**

89. **Chironomus plumosus (Linnaeus,1758)** (Chironomidae) Synonym(s): *plumosus Linnaeus,1758 01 65*

90. **Chlorita vana Dlabola,1971** (Cicadellidae) Synonym(s): *vana Dlabola,1971* **58 65**

91. **Chloromyia speciosa (Macquart,1834)** (Stratiomyidae) Synonym(s): *speciosa Macquart,1834; melampogon Zeller,1842; subalpina Strobl,1910; nigripes Pleske,1926* **65**

92. **Chorthippus (Chorthippus) parallelus (Zetterstedt,1821)** (Acrididae) Synonym(s): *parallelus Zetterstedt,1821; pratorum Fieber,1852; explicatus Selys-Longchamps,1862; nigrolineatus Ivanov,1888; sylvestris Puschnig,1910; montana Chopard,1922; caffra Ramme,1923; fuliginosus Voroncovsky,1928; prasinolateralis Voroncovsky,1928; prasinosuperficies Voroncovsky,1928; prasinus Voroncovsky,1928; viridis Voroncovsky,1928; aemulus Mishchenko,1951; geriberti Harz,1962; caffer Harz,1975* **04 06 08 10 14 16 17 18 22 23 25 26 32 33 34 35 36 39 41 42 43 44 45 46 49 50 51 54 62 65 71**

93. **Chorthippus (Glyptobothrus) longicornis (Latreille,1804)** (Acrididae) Synonym(s): *longicornis Latreille,1804* **06 16 26 34 35 46 65**

94. **Chorthippus (Glyptobothrus) macrocerus (Fischer von Waldheim,1846)** (Acrididae) Synonym(s): *macrocerus Fischer von Waldheim,1846* **31 53 60 65**

95. **Chorthippus (s.str.) dichrous (Eversmann,1859)** (Acrididae) Synonym(s): *dichrous Eversmann,1859; australis Predtechenskii,1928* **03 04 06 08 09 10 12 13 14 15 16 18 20 23 24 25 26 32 35 36 38 39 41 42 43 44 46 49 50 51 57 58 59 62 63 65 66 71**

96. **Chorthippus (s.str.) loratus (Fischer von Waldheim,1846)** (Acrididae) Synonym(s): *loratus Fischer von Waldheim,1846; dorsatus Giglio-Tos,1894; brauneri Znojko,1928; dessyi Jannone,1936* **01 02 03 05 06 10 12 13 14 15 16 18 19 21 22 23 26 27 34 35 37 38 39 41 45 46 49 50 51 53 55 56 57 59 62 63 65 71 80**

97. **Chorthippus (Stauroderus) scalaris (Fischer von Waldheim,1846)** (Acrididae) Synonym(s): *scalaris Fischer von Waldheim,1846* **18 53 55 65**

98. **Chromovalgus peyroni (Mulsant & Wachanru,1852)** (Scarabaeidae) Synonym(s): *peyroni Mulsant & Wachanru,1852* **07 42 65 70 80**

99. **Chrysolina marginata (Linnaeus,1758)** (Chrysomelidae) Synonym(s): *marginata Linnaeus,1758; unifasciata Bechyne,1950* **04 08 24 25 26 32 36 42 50 58 65 69 75**

100. **Chrysolina orientalis (Olivier,1807)** (Chrysomelidae) Synonym(s): *orientalis Olivier,1807; campicola Gistl,1857; palaestina Bechyne,1950; thraeissa Bechyne,1950* **09 34 65**

101. **Chrysops (s.str.) flavipes Meigen,1804** (Tabanidae) Synonym(s): *flavipes Meigen,1804; punctifer Loew,1858; favipes Kilç,1999* **01 02 03 04 06 07 10 11 13 14 16 17 18 20 21 22 23 24 25 26 30 31 33 34 35 36 38 40 42 43 44 45 48 50 51 57 58 59 65 66 67 69 73 74 76 78 81**

102. **Cicadatra hyalina (Fabricius,1798)** (Cicadidae) Synonym(s): *hyalina Fabricius,1798; geodesma Kolenati,1857; taurica Fieber,1876; virens Fieber,1876; burriana Horvath,1912; viridis Haupt,1917; discrepans Schumacher,1923; rossica Schumacher,1923* **02 06 07 23 24 29 30 32 35 42 46 50 51 56 57 63 65 72**

103. **Cicadatra persica Kirkaldy,1909** (Cicadidae) Synonym(s): *lineola Hagen,1856 (praeocc.); persica Kirkaldy,1909* **01 06 13 15 29 46 65**

104. **Cicindela asiatica Audouin & Brullé,1839** (Carabidae) Synonym(s): *asiatica Audouin & Brullé,1839* **01 12 13 23 30 31 46 49 56 62 63 65**

105. **Cicindela turkestanicoides W.Horn,1938** (Carabidae) Synonym(s): *turkestanicoides W.Horn,1938* **12 13 24 30 44 49 62 65**

106. **Cionus olivieri Rosenschöld,1838** (Curculionidae) Synonym(s): *olivieri Rosenschöld,1838* **65**

107. **Circulifer haematoceps (Mulsant & Rey,1855)** (Cicadellidae) Synonym(s): *haematoceps Mulsant & Rey,1855; haagi Kirschbaum,1868; opacus Kirschbaum,1868; rubrotinctus Kirschbaum,1868; opacipennis Lethierry,1876; vittiventris Lethierry,1876; diluta Ferrari,1882; pieta Ferrari,1882; minor Ferrari,1884; futilis Horvath,1909; unicolor Haupt,1927; haupti Zachvatkin,1935; viridiflavus Lindberg,1948; interibilis Lindberg,1948* **01 04 06 07 13 25 30 33 38 41 42 48 50 58 62 65 68**

108. **Coccinella (s.str.) distincta Falderman** (Coccinellidae) Synonym(s): *distincta Falderman; #distincta Özbek & Çetin,1991* **25 65**

109. **Coccinella (s.str.) septempunctata Linnaeus,1758** (Coccinellidae) Synonym(s): *septempunctata Linnaeus,1758; brucki Mulsant,1866* **13 21 22 25 34 35 65**

110. *Coenagrion ornatum* (Selys,1850) (Coenagrionidae) Synonym(s): *ornatum* Selys,1850 **01 03 44 50 65**

111. *Coenagrion syriacum* (Morton,1924) (Coenagrionidae) Synonym(s): *syriacum* Morton,1924; *ponticum* Bartenev,1929 **07 16 34 41 65**

112. *Colpa quinquecincta* (Fabricius,1775) (Scoliidae) Synonym(s): *villosa* Fabricius,1775; *quinquecincta* Fabricius,1775; *abdominalis* Spinola,1806; *continua* Leeletier,1845 **06 07 08 09 16 20 24 25 30 31 33 35 36 39 42 44 45 48 49 50 51 60 63 65 76 80**

113. *Conchapelopia* sp. (Chironomidae) Synonym(s): **65**

114. *Conocephalus (Anisoptera) fuscus* (Fabricius,1793) (Tettigoniidae) Synonym(s): *fuscus* Fabricius,1793; *discolor* Thunberg,1815; *thoracicus* Fischer von Waldheim,1846; *concolor* Bolivar,1878; *ponticus* Nedelkov,1907; *turanicus* Semenov,1916; *dilatatus* Ramme,1951 **01 02 05 06 07 08 12 13 16 19 21 23 25 26 30 31 33 34 35 36 46 47 50 53 56 59 62 63 65 71**

115. *Conops flavicaudus* (Bigot,1880) (Conopidae) Synonym(s): *flavicaudus* Bigot,1880; *euzonatus* Bigot,1887; *superbus* Röder,1899; *cypris* Janssens,1955; *#falvicaudus* Stucke, Hayat & Özbek,2008 **48 65**

116. *Coptosia ganglbaueri* (Pic,1951) (Cerambycidae) Synonym(s): *ganglbaueri* Pic,1951 **02 65**

117. *Cordulegaster insignis* Schneider,1845 (Cordulegasteridae) Synonym(s): *insignis* Schneider,1845; *amasina* Morton,1916 **05 10 16 24 33 44 51 47 65**

118. *Corizus fenestella* Horvath,1917 (Rhopalidae) Synonym(s): *fenestella* Horvath,1917 **20 21 35 45 65**

119. *Corizus hyoscyami* (Linnaeus,1758) (Rhopalidae) Synonym(s): *hyoscyami* Linnaeus,1758; *#hyoscyami* Kiyak et al.,2004 **50 65**

120. *Cricotopus annulator* Goetghebuer,1927 (Chironomidae) Synonym(s): *annulator* Goetghebuer,1927 **08 65**

121. *Cricotopus bicinctus* (Meigen,1818) (Chironomidae) Synonym(s): *bicinctus* Meigen,1818 **23 31 35 65**

122. *Cricotopus flavocinctus* (Kieffer,1924) (Chironomidae) Synonym(s): *flavocinctus* Kieffer,1924 **08 65**

123. *Cricotopus sylvestris* (Fabricius,1794) (Chironomidae) Synonym(s): *sylvestris* Fabricius,1794 **30 65**

124. *Cricotopus vieriensis* Goetghebuer,1935 (Chironomidae) Synonym(s): *vieriensis* Goetghebuer,1935 **31 65**

125. *Cryptocheilus alternatus* (Lepeletier,1845) (Pompilidae) Synonym(s): *alternatus* Lepeletier,1845; *caspius* Gussakovskii,1952 **06 24 30 35 38 42 45 50 51 58 63 65 78**

126. *Cryptocheilus discolor* (Fabricius,1793) (Pompilidae) Synonym(s): *discolor* Fabricius,1793 **06 13 24 25 31 33 35 38 42 50 58 60 65 68**

127. *Cryptocheilus egregius* (Lepeletier,1845) (Pompilidae) Synonym(s): *egregius* Lepeletier,1845 **06 14 16 24 25 30 33 35 36 44 50 51 60 65 78**

128. *Cryptocheilus exiguus* Sustera,1924 (Pompilidae) Synonym(s): *exiguus* Sustera,1924 **02 17 31 33 42 58 65**

129. *Cryptocheilus fabricii* (Van der Linden,1827) (Pompilidae) Synonym(s): *fabricii* Van der Linden,1827; *meridionalis* Junco,1943 **06 08 13 25 30 32 34 36 42 44 50 58 60 65**

130. *Cryptocheilus octomaculatus* (Rossi,1790) (Pompilidae) Synonym(s): *octomaculatus* Rossi,1790; *eatoni* Saunders,1901 **01 04 06 11 20 23 25 31 34 35 46 47 49 50 62 65 76**

131. *Cryptocheilus rubellus* (Eversmann,1846) (Pompilidae) Synonym(s): *rubellus* Eversmann,1846 **07 13 16 24 31 33 34 36 42 65**

132. *Cryptocheilus stygium* Priesner,1967 (Pompilidae) Synonym(s): *stygium* Priesner,1967 **24 31 50 65 76**

133. *Cryptocheilus variipennis* Sustera,1924 (Pompilidae) Synonym(s): *variipennis* Sustera,1924 **01 07 09 14 25 26 33 42 48 50 51 60 63 65**

134. *Cryptochironomus defectus* Kieffer,1921 (Chironomidae) Synonym(s): *defectus* Kieffer,1921 **01 08 23 65**

135. *Cybister (Scaphinectes) lateralimarginalis* (De Geer,1774) (Dytiscidae) Synonym(s): *lateralimarginalis* De Geer,1774 **01 15 20 26 33 35 42 65**

136. *Cymatia rogenhoferi* (Fieber,1864) (Corixidae) Synonym(s): *rogenhoferi* Fieber,1864 **06 42 65**

137. *Cyphon euoplus* Nyholm,1970 (Scirtidae) Synonym(s): *euoplus* Nyholm,1970 **08 28 53 61 65**

138. *Cyphon laevipennis* Tournier,1868 (Scirtidae) Synonym(s): *laevipennis* Tournier,1868 **07 33 35 65 67 78**

139. *Cyphon palustris* Thomson,1855 (Scirtidae) Synonym(s): *palustris* Thomson,1855 **01 07 12 14 17 20 21 24 30 33 34 35 36 48 49 62 65 67**

140. *Decticus verrucivorus* (Linnaeus,1758) (Tettigoniidae) Synonym(s): *verrucivorus* Linnaeus,1758; *rubicundus* De Geer,1778; *hastatus* Fischer von Waldheim,1839; *radiata* Fischer von Waldheim,1846 **04 06 07 08 09 16 22 23 25 30 34 35 36 39 44 46 54 57 58 59 65 71**

141. **Deleproctophylla dusmeti** Navas,1914 (Ascalaphidae) Synonym(s): *dusmeti* Navas,1914 **20 32 48 65**

142. **Deleproctophylla variegata** (Klug,1834) (Ascalaphidae) Synonym(s): *variegata* Klug,1834 **04 15 22 33 35 44 47 65**

143. **Dentilla curtiventris** (André,1901) (Mutillidae) Synonym(s): *curtiventris* André,1901 **06 08 21 24 25 34 36 45 58 60 65**

144. **Depressotetrix depressa** (Brisout,1848) (Tetrigidae) Synonym(s): *depressa* Brisout,1848; *acuminata* Brisout,1850; *charpentieri* Fieber,1853; *elevata* Fieber,1853; *rudis* Walker,1971; *turcicus* Demirsoy,1977 **01 03 04 06 08 09 16 18 21 22 23 24 25 26 33 34 35 36 42 44 50 51 55 63 65 66 71 80**

145. **Deronectes parvicollis** (Schaum,1864) (Dytiscidae) Synonym(s): *parvicollis* Schaum,1864 **01 03 11 25 29 30 32 42 50 51 65 66**

146. **Dictyophara asiatica** Melichar,1912 (Dictyopharidae) Synonym(s): *asiatica* Melichar,1912 **01 05 06 07 09 10 11 14 15 20 21 23 24 26 32 35 39 43 45 48 54 59 63 65 71**

147. **Dictyophara europaea** (Linnaeus,1767) (Dictyopharidae) Synonym(s): *europaea* Linnaeus,1767; *#europaea* Petagna,1787; *europe* Aucher-Elroy,1826; *italica* Kirschbaum,1868; *lutea* Lang,1942 **06 20 21 26 32 35 37 45 48 49 52 55 56 65 76**

148. **Dictyophara multireticulata** Mulsant & Rey,1855 (Dictyopharidae) Synonym(s): *multireticulata* Mulsant & Rey,1855; *heydenii* Kirschbaum,1868; *curvata* Matsumura,1910; *nemourensis* Matsumura,1910; *oertzeni* Matsumura,1910 **06 07 20 65**

149. **Dicyphus alkannae** Seidenstücker,1956 (Miridae) Synonym(s): *alkannae* Seidenstücker,1956 **38 51 57 65**

150. **Diplocladius cultriger** Kieffer,1908 (Chironomidae) Synonym(s): *cultriger* Kieffer,1908 **65**

151. **Dissonomus substriatus** Reitter,1898 (Tenebrionidae) Synonym(s): *substriatus* Reitter,1898 **65**

152. **Dociostaurus (Notostaurus) anatolicus** Krauss,1896 (Acrididae) Synonym(s): *anatolicus* Krauss,1896; *castaneopicta* Krauss,1896; *castaneopictus* Jacobson,1905 **01 02 03 04 05 06 07 08 10 12 13 16 17 18 21 23 25 26 31 32 33 34 35 36 37 38 39 41 42 43 44 45 46 47 49 50 51 56 60 62 63 65 66 71 80**

153. **Dolichovespula sylvestris** (Scopoli,1763) (Vespidae) Synonym(s): *sylvestris* Scopoli,1763 **01 06 07 08 14 24 25 29 32 36 42 48 52 65 69**

154. **Doratura homophyla** (Flor,1861) (Cicadellidae) Synonym(s): *homophyla* Flor,1861 **01 05 06 07 14 21 26 27 31 57 65 71**

155. **Doratura impudica** Horvath,1897 (Cicadellidae) Synonym(s): *impudica* Horvath,1897 **06 25 27 50 65**

156. **Doratura stylata** (Boheman,1847) (Cicadellidae) Synonym(s): *stylata* Boheman,1847; *macroptera* Kusnezov,1928 **05 06 29 36 52 55 57 60 65 69**

157. **Ebarrius cognatus** (Fieber,1869) (Cicadellidae) Synonym(s): *cognatus* Fieber,1869 **05 06 07 14 18 24 25 36 38 51 57 65**

158. **Edwardsiana flavescens** (Fabricius,1794) (Cicadellidae) Synonym(s): *flavescens* Fabricius,1794; *fratercula* Edwards,1908; *sororcula* Ossiannilsson,1936 **06 65**

159. **Einfeldia** sp. (Chironomidae) Synonym(s): **23 65**

160. **Elaphrolyron paglianoi** Wolf,1999 (Pompilidae) Synonym(s): *paglianoi* Wolf,1999 **65**

161. **Eliozeta helluo** (Fabricius,1805) (Tachinidae) Synonym(s): *helluo* Fabricius,1805 **65**

162. **Elodes flavoangularis** Klausnitzer,1990 (Scirtidae) Synonym(s): *flavoangularis* Klausnitzer,1990 **12 13 25 65**

163. **Empoasca solani** (Curtis,1846) (Cicadellidae) Synonym(s): *solani* Curtis,1846; *pteridis* Dahlbom,1850; *solanituberosi* Kollar,1852; *roseiventris* Rey,1894; *tullgreni* Ribaut,1933; *dlabolae* Lindberg,1960 **01 06 11 15 18 24 27 34 36 37 42 50 55 57 63 65 76**

164. **Enallagma cyathigerum** (Charpentier,1840) (Coenagrionidae) Synonym(s): *cyathigerum* Charpentier,1840 **06 07 13 14 15 25 26 32 42 45 46 65 69 75**

165. **Enochrus (Lumetus) bicolor** (Fabricius,1792) (Hydrophilidae) Synonym(s): *bicolor* Fabricius,1792 **06 07 24 36 65**

166. **Eoferreola anatolica** Piesner,1973 (Pompilidae) Synonym(s): *anatolica* Piesner,1973 **13 20 25 31 33 36 38 42 51 65 69 70 76**

167. **Epallage fatime** (Charpentier,1840) (Calopterygidae) Synonym(s): *fatime* Charpentier,1840 **01 03 04 05 07 08 11 12 16 17 20 25 26 31 32 33 34 35 39 43 45 46 48 56 61 63 65 73 75 77 80**

168. **Episyron candiotum** Wahis,1966 (Pompilidae) Synonym(s): *candiotum* Wahis,1966 **08 10 16 17 25 36 42 58 65**

169. **Episyron gallicum** (Tournier,1889) (Pompilidae) Synonym(s): *gallicum* Tournier,1889; *intermedium* Haupt,1930 **04 08 24 25 30 33 35 36 42 43 48 50 52 58 65**

170. **Episyron rufipes** (Linnaeus,1758) (Pompilidae) Synonym(s): *rufipes* Linnaeus,1758 **07 08 09 10 17 25 33 34 35 36 41 43 46 50 55 58 60 6575**

171. *Episyphus balteatus* (De Geer,1776) (Syrphidae) Synonym(s): *cannabina* Scopoli,1763; *balteatus* De Geer,1776; *scitula* Harris,1776; *alternata* Schrank,1781; *nectarea* Fabricius,1787; *nectarina* Wiedemann,1830; *alternana* Macquart,1842 **01 06 25 34 37 38 46 65**

172. *Eremopeza saussurei* (Uvarov,1918) (Pamphagidae) Synonym(s): *saussurei* Uvarov,1918 **56 65**

173. *Eristalinus* (Lathyrophthalmus) *megacephalus* (Rossi,1792) (Syrphidae) Synonym(s): *megacephalus* Rossi,1792 **65**

174. *Eristalis tenax* (Linnaeus,1758) (Syrphidae) Synonym(s): *tenax* Linnaeus,1758; *vulgaris* Scopoli,1763; *fuscus* Scopoli,1763; *porcinus* De Geer,1776; *arbustorum* Schrank,1781; *silvaticus* Meigen,1822; *vulpinus* Meigen,1822 **01 06 07 25 31 33 14 37 38 46 65**

175. *Eukiefferiella alpestris* Goetghebuer,1935 (Chironomidae) Synonym(s): *alpestris* Goetghebuer,1935 **65**

176. *Eukiefferiella brevicalcar* Kieffer,1929 (Chironomidae) Synonym(s): *brevicalcar* Kieffer,1929 **08 65**

177. *Eukiefferiella calvescens* Edw.,1929 (Chironomidae) Synonym(s): *calvescens* Edw.,1929 **31 65**

178. *Eukiefferiella discoloripes* Kieffer,1929 (Chironomidae) Synonym(s): *discoloripes* Kieffer,1929 **08 65**

179. *Eumenes mediterraneus* (Kriechbaumer,1879) (Vespidae) Synonym(s): *mediterraneus* Kriechbaumer,1879; *housaki* Giordani Soika,1952; *anatolicus* Giordani Soika,1952 **01 06 07 08 10 24 25 31 35 36 42 44 60 63 65 76 77**

180. *Euodynerus* (s.str.) *clathratus* Blüthgen,1951 (Vespidae) Synonym(s): *clathratus* Blüthgen,1951 **65**

181. *Euodynerus* (s.str.) *curictensis* Blüthgen,1940 (Vespidae) Synonym(s): *curictensis* Blüthgen,1940 **05 06 07 08 25 31 42 45 51 65 73**

182. *Eupeodes corollae* (Fabricius,1794) (Syrphidae) Synonym(s): *corollae* Fabricius,1794 **37 65**

183. *Eupteryx stachydearum* (Hardy,1850) (Cicadellidae) Synonym(s): *stachydearum* Hardy,1850; *curtisii* Flor,1861; *catenata* Rey,1894; *confluens* Rey,1894; *continua* Cerutti,1939 **06 41 52 53 61 65**

184. *Eupteryx taborskyi* Dlabola,1957 (Cicadellidae) Synonym(s): *taborskyi* Dlabola,1957 **06 24 42 50 57 65 66**

185. *Euscelidius mundus* (Haupt,1927) (Cicadellidae) Synonym(s): *mundus* Haupt,1927; *orientalis* Dlabola,1957 **01 06 07 21 25 27 31 32 33 35 47 63 65**

186. *Euscelis alsius* Ribaut,1952 (Cicadellidae) Synonym(s): *alsius* Ribaut,1952 **01 06 07 14 33 50 51 65**

187. *Evagetes dubius* (Van der Linden,1827) (Pompilidae) Synonym(s): *dubius* Van der Linden,1827; *obscurodubius* Wolf & Diniz,1970 **04 07 08 24 25 30 33 36 38 42 43 58 60 65 69 70**

188. *Evagetes gibbulus* Lepeletier,1845 (Pompilidae) Synonym(s): *gibbulus* Lepeletier,1845 **65**

189. *Evagetes pontomoravicus* (Sustera,1938) (Pompilidae) Synonym(s): *pontomoravicus* Sustera,1938 **25 30 33 42 44 50 58 65 70**

190. *Evagetes tumidosus* (Tournier,1890) (Pompilidae) Synonym(s): *tumidosus* Tournier,1890 **06 13 14 20 25 30 31 33 34 42 44 50 58 60 63 65**

191. *Forficula auricularia* Linnaeus,1758 (Forficulidae) Synonym(s): *auricularia* Linnaeus,1758; *dentata* Fabricius,1775 **06 08 14 34 45 48 65**

192. *Forficula tomis* (Kolenati,1846) (Forficulidae) Synonym(s): *tomis* Kolenati,1846; *pomerantzevi* Semenov,1903 **65**

193. *Geomyza tripunctata* Fallén,1823 (Opomyzidae) Synonym(s): *tripunctata* Fallén,1823 **09 34 65**

194. *Gonia maculipennis* Egger,1862 (Tachinidae) Synonym(s): *maculipennis* Egger,1862 **49 65**

195. *Gonocephalum granulatum* (Fabricius,1791) (Tenebrionidae) Synonym(s): *granulatum* Fabricius,1791 **03 04 07 19 20 26 30 35 36 38 40 42 43 45 51 62 65 68 69**

196. *Gryllotalpa gryllotalpa* (Linnaeus,1758) (Gryllotalpidae) Synonym(s): *gryllotalpa* Linnaeus,1758; *talpa* Olivier,1791; *vulgaris* Latreille,1804 **01 02 03 04 06 07 08 09 16 17 21 23 24 25 33 34 35 39 42 44 45 47 50 51 54 56 63 65**

197. *Grypocoris fiebri* Douglas & Scott,1868 (Miridae) Synonym(s): *fiebri* Douglas & Scott,1868 **06 13 21 23 24 27 30 46 56 65**

198. *Gymnopleurus flagellatus* (Fabricius,1787) (Scarabaeidae) Synonym(s): *flagellatus* Fabricius,1787; *coriarius* Herbst,1789; *serratus* Fischer von Waldheim,1821; *asperatus* Mulsant,1842; *caliginosus* Balthasar,1934 **01 02 06 10 11 17 27 32 35 39 46 51 65 72**

199. *Handianus procerus* (Herrich-Schäffer,1835) (Cicadellidae) Synonym(s): *procerus* Herrich-Schäffer,1835; *palaestinensis* Linnauvori,1962 **03 04 06 07 10 13 14 22 25 32 35 42 44 50 51 63 65 67 71**

200. *Helophorus abeillei* Guillebeau,1896 (Helophoridae) Synonym(s): *abeillei* Guillebeau,1896 **25 30 65**

201. *Helophorus aquaticus* (Linnaeus,1758) (Helophoridae) Synonym(s): *aquaticus* Linnaeus,1758 **06 12 13 14 16 21 25 26 30 32 34 35 36 37 39 47 49 57 65 73**

202. *Helophorus brevipalpis* Bedel,1881 (Helophoridae) Synonym(s): *brevipalpis* Bedel,1881 **06 07 08 16 21 34 35 39 46 48 51 55 57 65**

203. *Helophorus brevipalpis* Bedel,1881 (Helophoridae) Synonym(s): *brevipalpis* Bedel,1881 **06 07 08 16 21 34 35 39 46 48 55 57 65**

204. *Helophorus discrepans* Rey,1885 (Helophoridae) Synonym(s): *discrepans* Rey,1885 **08 14 30 65 75**

205. *Helophorus frater* Orchymont,1926 (Helophoridae) Synonym(s): *frater* Orchymont,1926 **65**

206. *Helophorus maculatus* Motschoulsky,1860 (Helophoridae) Synonym(s): *maculatus* Motschoulsky,1860 **65**

207. *Helophorus micans* Falderman,1835 (Helophoridae) Synonym(s): *micans* Falderman,1835 **06 10 15 21 25 31 35 65**

208. *Hemipenthes velutinus* (Meigen,1820) (Bombyliidae) Synonym(s): *velutinus* Meigen,1820; *bicincta* Wiedemann,1820; *nycthemera* Wiedemann,1820 **04 06 07 14 18 32 37 38 57 65 78**

209. *Hippodamia (Adonia) variegata* (Goeze,1777) (Coccinellidae) Synonym(s): *variegata* Goeze,1777 **22 24 25 36 65**

210. *Hippodamia (Semiadalia) undecimnotata* (Schneider,1792) (Coccinellidae) Synonym(s): *undecimnotata* Schneider,1792 **06 25 30 35 65**

211. *Hister quadrimaculatus* Linnaeus,1758 (Histeridae) Synonym(s): *quadrimaculatus* Linnaeus,1758; *gagates* Illiger,1807; *aethiops* Heer,1841 **35 49 65**

212. *Hyalesthes obsoletus* Signoret,1865 (Cixiidae) Synonym(s): *obsoletus* Signoret,1865; *albolimbatus* Kirschbaum,1868; *flavovarius* Kusnezov,1935 **01 02 03 04 06 07 09 10 14 15 16 17 18 19 21 22 23 24 25 26 27 28 30 32 33 34 42 44 45 46 47 48 50 53 54 57 58 60 61 63 65 76 81**

213. *Hyalesthes ponticorum* Hoch & Remane,1985 (Cixiidae) Synonym(s): *ponticorum* Hoch & Remane,1985 **06 18 19 24 42 65**

214. *Hyalesthes veyseli* Hoch,1985 (Cixiidae) Synonym(s): *veyseli* Hoch,1985 **07 14 42 51 65**

215. *Hycleus scabiosae* (Olivier,1811) (Meloidae) Synonym(s): *scabiosae* Olivier,1811 **04 06 11 13 17 24 25 26 36 42 44 45 49 65 76**

216. *Hygrotus (Coelambus) lernaeus* (Schaum,1857) (Dytiscidae) Synonym(s): *lernaeus* Schaum,1857 **01 03 06 07 09 21 23 25 26 38 41 42 48 51 55 58 65 66**

217. *Hypera farinosa* Boheman,1842 (Curculionidae) Synonym(s): *farinosa* Boheman,1842 **04 06 20 23 38 65**

218. *Hypera jucundus* Capiomont,1868 (Curculionidae) Synonym(s): *jucundus* Capiomont,1868 **11 21 35 45 55 63 65 69 70**

219. *Hypera meles* (Fabricius,1792) (Curculionidae) Synonym(s): *meles* Fabricius,1792 **08 13 16 17 24 25 29 30 32 35 36 38 43 45 55 65**

220. *Hypera variabilis* (Herbst,1795) (Curculionidae) Synonym(s): *variabilis* Herbst,1795 **03 04 05 06 08 09 10 11 13 17 19 21 24 25 27 30 32 35 36 38 41 43 44 47 48 49 52 55 56 57 60 61 63 65 66 68 73 76**

221. *Hypera viciae* (Gyllenhal,1813) (Curculionidae) Synonym(s): *viciae* Gyllenhal,1813 **65**

222. *Idiocerus herrichii* Kirschbaum,1868 (Cicadellidae) Synonym(s): *herrichii* Kirschbaum,1868 **06 19 24 25 38 40 50 58 60 65**

223. *Iranoidricerus iranensis* (Kimmings,1938) (Ascalaphidae) Synonym(s): *iranensis* Kimmings,1938 **65**

224. *Iris oratoria* (Linnaeus,1758) (Irididae) Synonym(s): *oratoria* Linnaeus,1758; *dentata* Goeze,1778; *bella* Germar,1817; *minima* Charpentier,1825; *fenestrata* Brullé,1832 **06 16 33 35 65**

225. *Ischnura elegans* (Van Der Linden,1820) (Coenagrionidae) Synonym(s): *elegans* Van Der Linden,1820 **01 06 07 09 16 19 24 25 30 31 33 34 35 38 40 42 45 46 48 55 63 65 69 80**

226. *Ischnura pumilio* (Charpentier,1825) (Coenagrionidae) Synonym(s): *pumilio* Charpentier,1825 **01 02 06 07 16 19 22 25 26 32 34 35 40 41 44 45 55 63 65 69**

227. *Javesella obscurella* (Boheman,1847) (Delphacidae) Synonym(s): *obscurella* Boheman,1847; *discreta* Edwards,1888; *fuscotestacea* Metcalf,1943 **06 28 42 61 65**

228. *Javesella pellucida* (Fabricius,1794) (Delphacidae) Synonym(s): *pellucida* Fabricius,1794; *striata* Fabricius,1794; *marginata* Fabricius,1794; *dispar* Fallén,1806; *suturalis* Curtis,1837; *ochroleuca* Kirschbaum,1868; *flavipennis* Sahlberg,1871; *obscura* Fieber,1879; *fuscicollis* Rey,1891; *variicollis* Rey,1894 **06 13 21 25 42 46 57 65**

229. *Jugurtia escalerae* Meade-Waldo,1910 (Vespidae) Synonym(s): *escalerae* Meade-Waldo,1910 **30 65 73**

230. *Kelisia ribauti* Wagner,1938 (Delphacidae) Synonym(s): *ribauti* Wagner,1938 **06 07 09 10 13 20 21 25 42 44 56 65 73**

231. *Kybos candelabricus* Dlabola,1958 (Cicadellidae) Synonym(s): *candelabricus* Dlabola,1958 **06 24 40 44 50 65 66**

232. *Kybos virgator* (Ribaut,1933) (Cicadellidae) Synonym(s): *virgator* Ribaut,1933; *saageri* Wagner,1935 **06 07 11 26 35 40 42 65**

233. **Labidura riparia (Pallas,1773)** (Labiduridae) Synonym(s): *riparia* Pallas,1773; *mongolica* Rehn,1905 **09 34 65**

234. **Laburrus abrotani Emelyanov,1962** (Cicadellidae) Synonym(s): *abrotani* Emelyanov,1962 **04 65**

235. **Laburrus handlirschi (Matsumura,1908)** (Cicadellidae) Synonym(s): *artemisiae* Matsumura,1900 (*praeocc.*); *handlirschi* Matsumura,1908; *maculosus* Vilbaste,1965 **06 40 42 50 65**

236. **Laccobius (Dimorpholaccobius) obscuratus Rottenberg,1874** (Hydrophilidae) Synonym(s): *obscuratus* Rottenberg,1874 **01 02 06 07 08 09 13 14 15 16 17 19 20 24 25 27 29 30 33 34 35 37 39 41 42 45 48 52 53 57 65 80**

237. **Laccobius (Dimorpholaccobius) simulatrix Orchymont,1932** (Hydrophilidae) Synonym(s): *simulatrix* Orchymont,1932 **04 06 07 09 13 14 16 17 19 20 22 24 25 30 32 34 35 36 38 39 45 46 48 51 55 58 61 65 69 80**

238. **Laccobius (Dimorpholaccobius) striatus (Fabricius,1801)** (Hydrophilidae) Synonym(s): *striatus* Fabricius,1801 **06 07 08 13 14 16 17 25 26 29 31 32 34 35 41 42 43 44 45 48 54 58 65 69**

239. **Laccobius (Dimorpholaccobius) sulcatus Reitter,1909** (Hydrophilidae) Synonym(s): *sulcatus* Reitter,1909 **05 06 07 13 15 21 24 25 29 39 42 45 65 69 75**

240. **Laccobius (Dimorpholaccobius) syriacus Guillebeau,1896** (Hydrophilidae) Synonym(s): *syriacus* Guillebeau,1896 **01 06 07 08 09 13 15 19 20 21 22 24 25 27 30 31 32 33 35 36 37 38 42 46 47 48 52 53 55 57 61 63 65 69 80**

241. **Laccobius (Microlaccobius) gracilis Motschoulsky,1855** (Hydrophilidae) Synonym(s): *gracilis* Motschoulsky,1855 **01 02 07 09 10 12 13 14 15 16 17 19 20 22 24 25 27 28 30 31 32 33 34 35 36 37 38 45 47 48 49 51 52 53 57 58 61 65**

242. **Lampropterus femoratus (Germar,1824)** (Cerambycidae) Synonym(s): *femoratus* Germar,1824 **33 65**

243. **Larinus minutus Gyllenhal,1836** (Curculionidae) Synonym(s): *minutus* Gyllenhal,1836 **04 07 02 13 17 21 30 32 35 44 46 56 63 65**

244. **Larinus turbinatus Gyllenhal,1836** (Curculionidae) Synonym(s): *turbanatus* Gyllenhal,1836 **08 10 12 13 21 30 47 65 69 76**

245. **Lertha palmonii Tjeder,1970** (Nemopteridae) Synonym(s): *palmonii* Tjeder,1970 **02 04 27 36 47 56 63 65 72 73 76**

246. **Lestes barbarus (Fabricius,1798)** (Lestidae) Synonym(s): *barbarus* Fabricius,1798 **03 06 09 16 26 30 33 34 35 36 45 48 63 65**

247. **Lestes dryas Kirby,1890** (Lestidae) Synonym(s): *dryas* Kirby,1890 **03 06 25 34 65 75**

248. **Libelloides macaronius (Scopoli,1763)** (Ascalaphidae) Synonym(s): *macaronius* Scopoli,1763 **01 04 05 06 07 10 13 14 15 17 20 22 24 25 30 31 32 33 38 40 42 44 47 51 52 62 63 65 68**

249. **Libellula depressa Linnaeus,1758** (Libellulidae) Synonym(s): *depressa* Linnaeus,1758 **01 05 06 08 23 24 25 31 34 40 47 65**

250. **Limnophyes transcaucasicus Tchern.1949** (Chironomidae) Synonym(s): *transcaucasicus* Tchern.1949 **01 65**

251. **Limotettix striola (Fallén,1806)** (Cicadellidae) Synonym(s): *striola* Fallén,1806; *frenatus* Germar,1821; *ferganensis* Dubovsky,1966 **04 06 07 08 14 16 18 21 24 25 34 44 46 50 51 54 63 65 67 76 81**

252. **Lispe nana Macquart,1835** (Muscidae) Synonym(s): *nana* Macquart,1835 **65**

253. **Lixus bardanae (Fabricius,1787)** (Curculionidae) Synonym(s): *bardanae* Fabricius,1787 **35 65**

254. **Lixus cardui Olivier,1807** (Curculionidae) Synonym(s): *cardui* Olivier,1807 **05 07 09 10 11 12 13 16 19 21 25 30 32 35 36 37 43 44 47 51 65 68 76**

255. **Lixus elegantulus Boheman,1843** (Curculionidae) Synonym(s): *elegantulus* Boheman,1843 **04 06 07 11 21 23 25 27 30 35 36 38 43 44 47 50 65 76**

256. **Lixus scolapax Boheman,1836** (Curculionidae) Synonym(s): *scolapax* Boheman,1836 **21 27 35 36 47 48 55 56 63 65**

257. **Lobodera (Penthomegus) iners Ménétriés,1832** (Tenebrionidae) Synonym(s): *iners* Ménétriés,1832 **65**

258. **Longitarsus anatolicus Weise,1900** (Chrysomelidae) Synonym(s): *anatolicus* Weise,1900 **06 13 19 21 24 25 32 33 38 41 42 44 46 49 58 65 66 68 70**

259. **Lophyridia fischeri (Adams,1817)** (Carabidae) Synonym(s): *fischeri* Adams,1817 **01 02 07 12 16 18 19 20 21 23 24 25 27 29 30 31 33 35 36 38 43 44 46 47 48 50 58 60 62 63 65 72 80**

260. **Lophyridia littoralis (Fabricius,1787)** (Carabidae) Synonym(s): *littoralis* Fabricius,1787 **01 06 07 09 15 16 18 20 22 23 25 27 31 32 33 34 35 38 40 42 47 48 50 51 52 54 55 58 59 60 61 63 65 72**

261. **Lucanus (s.str.) ibericus Motschoulsky,1845** (Lucanidae) Synonym(s): *ibericus* Motschoulsky,1845; *curtulus* Motschoulsky,1845; *barbarossa* Burmeister,1847 *nec* Fabr.,1801; *minor* Burmeister,1847; *orientalis* Kraatz,1860; *piger* Motschoulsky,1870; *syriacus* Motschoulsky,1870; *tenebrosus*

Motschoulsky,1870; intermedius Motschoulsky,1870; caspica Semenov,1901; ravinii Schatzmayr,1923; #ibericus Sabatinelli,1977 **37 42 65 70 76**

262. *Ludita fulvipennis* (Smith,1879) (Tiphidae) Synonym(s): *fulvipennis* Smith,1879 **13 30 34 47 65**

263. *Macrolophus caliginosus* Wagner,1950 (Miridae) Synonym(s): *caliginosus* Wagner,1950 **01 07 08 10 17 20 21 31 33 35 38 45 47 48 50 57 65**

264. *Macropsis graminea* (Fabricius,1798) (Cicadellidae) Synonym(s): *graminea* Fabricius,1798; *populi* Edwards,1919 **02 04 06 07 13 17 21 22 23 26 29 39 42 43 45 60 61 62 65**

265. *Macropsis scutellata* (Boheman,1845) (Cicadellidae) Synonym(s): *scutellata* Boheman,1845; *tibialis* Scott,1874 **24 25 34 38 65**

266. *Macrosteles fiebri* (Edwards,1889) (Cicadellidae) Synonym(s): *frontalis* Fieber,1885 *nec* Sctt.,1875; *fiebri* Edwards,1889 **01 04 06 07 13 14 30 42 50 65 70**

267. *Macrosteles forficula* (Ribaut,1927) (Cicadellidae) Synonym(s): *forficula* Ribaut,1927 **01 05 06 07 14 24 25 42 55 57 65**

268. *Macrosteles laevis* (Ribaut,1927) (Cicadellidae) Synonym(s): *laevis* Ribaut,1927; *mannerheimi* Kontkanen,1935; *nubila* Ossianilsson,1936 **05 06 08 15 28 30 42 50 52 53 55 57 60 61 65**

269. *Macrosteles quadripunctulatus* (Kirschbaum,1868) (Cicadellidae) Synonym(s): *quadripunctulatus* Kirschbaum,1868; *ramigera* Zachvatkin,1933 **01 02 04 05 06 07 12 13 21 24 31 32 33 35 42 44 45 50 52 55 64 65 67 80**

270. *Macrosteles sexnotatus* (Fallén,1806) (Cicadellidae) Synonym(s): *sexnotatus* Fallén,1806; *devastans* Guérin-Méneville,1852; *didymus* Mulsant & Rey,1855; *diminuta* Lethierry,1876; *binotata* Rey,1894; *submaculata* Rey,1894 **02 04 05 06 08 14 18 21 25 28 30 35 42 50 52 53 55 57 60 61 65 81**

271. *Megabombus argillaceus* (Scopoli,1763) (Apidae) Synonym(s): *argillaceus* Scopoli,1763; *sichelii* Radoszkowski,1859 **03 06 07 16 18 25 32 37 38 42 51 65**

272. *Megabombus mesomelas* (Gerstaecker,1869) (Apidae) Synonym(s): *mesomelas* Gerstaecker,1869; *elegans* Seidl,1837 **04 06 25 53 61 65 75**

273. *Megabombus zonatus* (Smith,1854) (Apidae) Synonym(s): *zonatus* Smith,1854 **03 06 16 19 25 32 37 38 42 65**

274. *Meloe mediterraneus* Müller,1925 (Meloidae) Synonym(s): *mediterraneus* Müller,1925 **04 07 13 21 24 25 29 65**

275. *Merodon avidus* (Rossi,1790) (Syrphidae) Synonym(s): *avidus* Rossi,1790 **25 37 65**

276. *Metrioptera (Roeseliana) bispina* (Bolivar,1899) (Tettigoniidae) Synonym(s): *bispina* Bolivar,1899 **04 06 16 21 34 35 42 46 65 71 77**

277. *Micantulina (Mulsantina) acuticeps* (Linnauvori,1962) (Cicadellidae) Synonym(s): *acuticeps* Linnauvori,1962 **19 30 65**

278. *Micantulina (Mulsantina) stigmatipennis* (Mulsant & Rey,1855) (Cicadellidae) Synonym(s): *stigmatipennis* Mulsant & Rey,1855; *quadripunctata* Kirschbaum,1868; *pulcherrimus* Hovarth,1884 **06 07 10 15 32 34 35 38 45 65**

279. *Micropsectra curvicornis* (Tchernovskii,1949) (Chironomidae) Synonym(s): *curvicornis* Tchernovskii,1949 **23 35 65**

280. *Mocuellus deminutus* Dlabola,1981 (Cicadellidae) Synonym(s): *deminutus* Dlabola,1981 **65**

281. *Mogangella secundaria* Dlabola,1958 (Cicadellidae) Synonym(s): *secundaria* Dlabola,1958 **25 65**

282. *Mogangella straminea* Dlabola,1957 (Cicadellidae) Synonym(s): *straminea* Dlabola,1957 **06 65**

283. *Monosteira lobulifera* Reuter,1888 (Tingidae) Synonym(s): *lobulifera* Reuter,1888 **01 07 12 20 23 27 35 45 47 48 50 65**

284. *Muirodelphax aubei* (Perris,1857) (Delphacidae) Synonym(s): *aubei* Perris,1857; *cognata* Fieber,1866; *protrusa* Fieber,1866; *obsoleta* Kirschbaum,1868; *obscurinervis* Kirschbaum,1868; *altaicus* Vilbaste,1965 **06 07 20 25 35 65**

285. *Musaria astarte* (Ganglbauer,1885) (Cerambycidae) Synonym(s): *astarte* Ganglbauer,1885 **02 65 80**

286. *Musaria kurdistana* (Ganglbauer,1884) (Cerambycidae) Synonym(s): *kurdistana* Ganglbauer,1884 **13 30 65**

287. *Musca domestica* Linnaeus,1758 (Muscidae) Synonym(s): *domestica* Linnaeus,1758 **65**

288. *Muscina stabulans* (Fallén,1817) (Muscidae) Synonym(s): *stabulans* Fallén,1817 **65**

289. *Mycterodus goricus* (Dlabola,1958) (Issidae) Synonym(s): *goricus* Dlabola,1958 **13 29 65**

290. *Mylabris cincta* Olivier,1811 (Meloidae) Synonym(s): *cincta* Olivier,1811; #*cincat* Kaszab,1968 **01 07 08 12 14 23 24 25 32 35 38 45 47 48 62 65**

291. *Mylabris quadripunctata* (Linnaeus,1767) (Meloidae) Synonym(s): *quadripunctata* Linnaeus,1767 **01 06 07 08 11 17 19 22 24 26 31 32 33 34 35 38 42 43 44 45 46 47 48 51 52 54 57 59 62 63 65 66 70 73**

292. *Myndus musivus* (Germar,1825) (Cixiidae) Synonym(s): *musivus* Germar,1825 **06 14 18 22 23 32 35 46 47 48 62 65**

293. *Myrmecaelurus maior* McLachan,1875 (Myrmeleonidae) Synonym(s): *maior* McLachan,1875 **26 32 42 44 65**

294. *Nebrioporus airumlus* (Kolenati,1845) (Dytiscidae) Synonym(s): *airumlus* Kolenati,1845 **08 25 36 65**

295. *Nemoptera sinuata* Olivier,1811 (Nemopteridae) Synonym(s): *sinuata* Olivier,1811 **01 02 05 06 07 08 09 10 11 13 14 15 19 20 25 30 31 32 33 34 35 36 37 38 42 43 46 48 49 60 62 63 65 68**

296. *Nemotelus* (s.str.) *rudifranci* (Berezovsky & Nartshuk,1993) (Stratiomyidae) Synonym(s): *rudifranci* Berezovsky & Nartshuk,1993 **25 38 58 65**

297. *Neoaliturus fenestratus* (Herrich-Schäffer,1834) (Cicadellidae) Synonym(s): *fenestratus* Herrich-Schäffer,1834 **01 04 05 06 07 13 14 19 21 22 24 25 28 33 35 38 47 50 52 55 56 57 58 60 63 65 68 70 76**

298. *Neophilaenus campestris* (Fallén,1805) (Cercopidae) Synonym(s): *campestris* Fallén,1805; *parvula* Vismara,1877; *fasciatus* Ferrari,1882; *obsoletus* Ferrari,1882; *bimaculata* Rey,1894; *brunnifrons* Rey,1894 **01 02 06 07 08 13 16 17 26 28 31 35 39 43 45 48 50 55 57 56 61 65**

299. *Neophilaenus lineatus* (Linnaeus,1758) (Cercopidae) Synonym(s): *lineatus* Linnaeus,1758; *abbreviata* Fabricius,1787; *capitata* Fabricius,1794; *aterrimus* Sahlberg,1871; *pulchellus* Sahlberg,1871; *fusca* Haupt,1912; *pallida* Haupt,1917; *danicus* Wagner,1935; *fulva* Gyllensvard,1965 **03 06 16 24 34 35 50 65**

300. *Nephrotoma croceiventris* (Strobl,1909) (Tipulidae) Synonym(s): *croceiventris* Strobl,1909 **04 06 13 14 30 36 38 42 46 48 49 51 53 58 65**

301. *Nephrotoma scalaris* (Meigen,1818) (Tipulidae) Synonym(s): *scalaris* Meigen,1818 **03 07 09 10 13 16 25 28 31 35 38 47 48 49 53 61 65**

302. *Netelia* (s.str.) *fuscicornis* (Holmgren,1860) (Ichneumonidae) Synonym(s): *fuscicornis* Holmgren,1860; *gracilipes* Thomson,1888 **31 38 42 65**

303. *Nocarodes aserbus* Mistshenko,1951 (Pamphagidae) Synonym(s): *aserbus* Mistshenko,1951 **65**

304. *Notonecta viridis* Delcourt,1909 (Notonectidae) Synonym(s): *viridis* Delcourt,1909; *mediterranea* Hutchinson,1928 **03 06 10 35 40 42 65**

305. *Nycteribia* (s.str.) *latreillii* (Leach,1817) (Nycteribiidae) Synonym(s): *latreillii* Leach,1817 **01 07 15 29 32 34 39 40 46 51 52 65 76 80**

306. *Oecanthus pellucens* (Scopoli,1763) (Gryllidae) Synonym(s): *pellucens* Scopoli,1763; *italicus* Fabricius,1781; *lutaria* Petagna,1792; *aquea* Fabricius,1798; *varia* Fischer von Waldheim,1846; *angustipennis* Fitch,1856 **01 03 04 06 07 08 09 16 19 22 23 24 25 26 30 31 33 34 35 37 39 41 44 45 47 51 54 56 59 65 67 71 80**

307. *Oedaleus decorus* (Germar,1817) (Acrididae) Synonym(s): *decorus* Germar,1817 **01 06 13 20 26 31 34 35 42 43 44 45 48 65 78 80**

308. *Oedipoda caerulescens* (Linnaeus,1758) (Acrididae) Synonym(s): *caerulescens* Linnaeus,1758; *coeruleipenne* De Geer,1773; *fasciata* Stal,1873 **05 06 07 12 13 15 16 18 20 34 35 38 43 48 51 60 61 65 67 80**

309. *Oedipoda miniata* (Pallas,1771) (Acrididae) Synonym(s): *miniata* Pallas,1771; *salinus* Gmelin,1790; *gratiosa* Audinet-Serville,1838; *perurbana* Steinmann,1965 **06 09 12 13 15 16 20 23 34 35 36 42 43 45 46 55 57 60 62 65 77 78 80**

310. *Oedipoda schochi* Saussure,1884 (Acrididae) Synonym(s): *schochi* Saussure,1884 **06 18 21 26 30 38 42 43 44 51 63 65**

311. *Oenopia oncina* (Olivier,1808) (Coccinellidae) Synonym(s): *oncina* Olivier,1808 **06 15 20 24 25 32 35 65**

312. *Opsilia coerulescens* (Scopoli,1763) (Cerambycidae) Synonym(s): *coerulescens* Scopoli,1763 **44 65**

313. *Opsius cypriacus* Lindberg,1958 (Cicadellidae) Synonym(s): *cypriacus* Lindberg,1958 **01 05 06 07 08 09 21 22 24 35 43 44 45 50 55 56 65 66 71**

314. *Orthetrum albistylum* (Selys,1848) (Libellulidae) Synonym(s): *albistylum* Selys,1848 **16 65**

315. *Orthetrum aniceps* (Schneider,1845) (Libellulidae) Synonym(s): *anceps* Schneider,1845 **65**

316. *Orthetrum brunneum* (Fonscolombe,1837) (Libellulidae) Synonym(s): *brunneum* Fonscolombe,1837 **02 08 16 19 24 33 44 45 46 48 65 66**

317. *Orthocladius luteipes* Goetghebuer,1921 (Chironomidae) Synonym(s): *luteipes* Goetghebuer,1921 **65**

318. *Orthocladius oblidens* (Walker,1856) (Chironomidae) Synonym(s): *oblidens* Walker,1856 **36 65**

319. *Orthocladius thienemanni* (Kieffer,1918) (Chironomidae) Synonym(s): *thienemanni* Kieffer,1918 **65**

320. *Oryctes* (Oryctes) *nasicornis* (Linnaeus,1758) (Scarabaeidae) Synonym(s): *nasicornis* Linnaeus,1758 **21 65**

321. *Osmia* (Exosmia) *difficilis* Morawitz,1875 (Megachilidae) Synonym(s): *difficilis* Morawitz,1875; *falcata* Morawitz,1875; *alborufa* Alfken,1935 **06 23 25 26 30 36 42 62 65 70 73**

322. *Osmia* (Tergosmia) *avosetta* Warncke,1988 (Megachilidae) Synonym(s): *avosetta* Warncke,1988 **04 07 25 30 44 65 73**

323. *Osmia* (Tergosmia) *glareola* Warncke,1988 (Megachilidae) Synonym(s): *glareola* Warncke,1988 **40 63 65 66**

324. *Osmylus multiguttatus McLachlan,1870* (Osmylidae) Synonym(s): *multiguttatus McLachlan,1870 25 61 62 65? 80*

325. *Osphranteria coerulescens Redtenbacher,[1849]* (Cerambycidae) Synonym(s): *coerulescens Redtenbacher,[1849] 65 72*

326. *Oxyaciura tibialis Robineau-Desvoidy,1830* (Tephritidae) Synonym(s): *tibialis Robineau-Desvoidy,1830; gagates Loew,1846 07 08 65*

327. *Oxythyrea cinctella (Schaum,1841)* (Scarabaeidae) Synonym(s): *albella Illiger,1802 (praeocc.); cinctella Schaum,1841; natalia Olsufiev,1917 01 03 06 07 09 10 11 13 15 16 17 18 19 20 22 24 26 27 31 32 33 35 37 38 39 40 42 43 44 45 48 50 51 54 59 60 64 65 67 74 80*

328. *Pachybrachis (s.str.) anatolicus Lopatin,1985* (Chrysomelidae) Synonym(s): *anatolicus Lopatin,1985 65*

329. *Pachybrachis (s.str.) fimbriolatus (Suffrian,1848)* (Chrysomelidae) Synonym(s): *tristis Olivier,1808 nec Laich.,1781; fimbriolatus Suffrian,1848; mulsanti Perris,1852 01 06 18 19 20 24 25 29 32 36 38 40 42 50 51 58 65 69 76*

330. *Pachybrachis (s.str.) tessellatus (Olivier,1791)* (Chrysomelidae) Synonym(s): *tessellatus Olivier,1791; tauricus Suffrian,1848; bisignatus Redtenbacher,1849; aethiops Weise,1882; picturatus Rey,1883; orientalis Weise,1894; syriacus Weise,1900; melanopygus Müller,1953 01 03 04 05 06 07 14 16 19 23 24 25 27 29 32 33 35 36 38 42 46 47 50 58 60 65 66 69*

331. *Palpares libelluloides (Linnaeus,1764)* (Myrmeleonidae) Synonym(s): *libelluloides Linnaeus,1764 06 07 23 31 32 46 51 60 65*

332. *Palpares turcicus Koçak,1976* (Myrmeleonidae) Synonym(s): *turcicus Koçak,1976 30 65*

333. *Pangonius (s.str.) pyritosus Loew,1859* (Tabanidae) Synonym(s): *pyritosus Loew,1859; decipiens Kröber,1921 05 06 07 08 13 14 16 17 22 23 24 25 30 31 33 34 35 38 39 41 46 48 55 56 58 65 69 73*

334. *Panorpa tatvana Willmann,1974* (Panorpidae) Synonym(s): *tatvana Willmann,1974 13 14 65*

335. *Paracladius conversus (Walker,1856)* (Chironomidae) Synonym(s): *conversus Walker,1856 01 08 65*

336. *Paracorixa concinna (Fieber,1848)* (Corixidae) Synonym(s): *concinna Fieber,1848 03 04 06 07 13 15 22 35 36 42 65*

337. *Paragus albifrons (Fallén,1817)* (Syrphidae) Synonym(s): *albifrons Fallén,1817 06 60 65*

338. *Paragus quadrifasciatus Meigen,1822* (Syrphidae) Synonym(s): *quadrifasciatus Meigen,1822 65*

339. *Paramerina cingulata (Walker,1856)* (Chironomidae) Synonym(s): *cingulata Walker,1856 65*

340. *Parametriocnemus stylatus (Kieffer,1924)* (Chironomidae) Synonym(s): *stylatus Kieffer,1924 08 29 56 65 73*

341. *Paranocaracris rimansonae (Uvarov,1918)* (Pamphagidae) Synonym(s): *rimansonae Uvarov,1918 65*

342. *Paraphilaenus notatus (Mulsant & Rey,1855)* (Cercopidae) Synonym(s): *notatus Mulsant & Rey,1855; centroasiaticus Dlabola,1961 65*

343. *Paratanytarsus lauterborni Kieffer,1918* (Chironomidae) Synonym(s): *lauterborni Kieffer,1918 08 23 65*

344. *Paratendipes intermedius Tchern.,1949* (Chironomidae) Synonym(s): *intermedius Tchern.,1949 65*

345. *Pedestredorcadion beckeri (Kraatz,1873)* (Cerambycidae) Synonym(s): *beckeri Kraatz,1873 05 65*

346. *Pedestredorcadion deyrollei (Ganglbauer,1883)* (Cerambycidae) Synonym(s): *deyrollei Ganglbauer,1883 13 65*

347. *Pedestredorcadion wagneri (Küster,1846)* (Cerambycidae) Synonym(s): *wagneri Küster,1846 65*

348. *Penicillidia dufourii (Westwood,1835)* (Nycteribiidae) Synonym(s): *dufourii Westwood,1835 07 15 31 32 33 34 42 60 65 77 80*

349. *Pentastira major (Kirschbaum,1868)* (Cixiidae) Synonym(s): *major Kirschbaum,1868; opalinus Fieber,1876; interjectus Linnavuori,1957; atratus Dlabola,1958 01 06 07 14 18 19 21 27 28 31 32 35 42 45 46 47 49 51 55 59 60 63 65 66 70*

350. *Perilissus rufoniger (Gravenhorst,1829)* (Ichneumonidae) Synonym(s): *rufoniger Gravenhorst,1829 65*

351. *Perlantispida perla (Pallas,1772)* (Mantispidae) Synonym(s): *perla Pallas,1772 06 12 20 25 32 36 38 43 65 75*

352. *Pezodrymadusa indivisa Karabağ,1961* (Tettigoniidae) Synonym(s): *indivisa Karabağ,1961 65*

353. *Pezodrymadusa kurmana (Ramme,1939)* (Tettigoniidae) Synonym(s): *kurmana Ramme,1939 44 65*

354. *Philaenus spumarius (Linnaeus,1758)* (Cercopidae) Synonym(s): *spumarius Linnaeus,1758; leucophthalma Linnaeus,1758; lateralis Linnaeus,1758; leucocephala Linnaeus,1758 01 04 05 06 07 08 09*

**10 11 13 14 16 17 23 24 25 26 28 29 30 34 35 36 39 41 43 44 45 47 48 52 53 55 56 57 59 60
61 65 76**

355. *Phlebotomus (Adlerius) balcanicus Theodor,1958* (Psychodidae) Synonym(s): *balcanicus Theodor,1958* **03 65**

356. *Phlebotomus (Paraphlebotomus) papatasi (Scopoli,1786)* (Psychodidae) Synonym(s): *papatasi Scopoli,1786* **03 17 65**

357. *Phlebotomus jacusieli Theodor,1947* (Psychodidae) Synonym(s): *jacusieli Theodor,1947* **65**

358. *Phlebotomus transcaucasicus Perfiliew,1937* (Psychodidae) Synonym(s): *transcaucasicus Perfiliew,1937* **65**

**359. *Phlepsius ornatus (Perris,1857)* (Cicadellidae) Synonym(s): *ornatus Perris,1857; maculatus Fieber,1866; asiaticus Zachvatkin,1945; angorensis Zachvatkin,1945* **01 05 06 21 33 42 50 52 55 57 60
61 65****

360. *Phyllobrotica binotata Ogloblin,1936* (Chrysomelidae) Synonym(s): *binotata Ogloblin,1936; aslani Warchałowski,1998* **08 25 65 76**

361. *Phyllomorphus laciniatus (Villers,1789)* (Coreidae) Synonym(s): *laciniatus Villers,1789* **65**

362. *Piesma (Parapiesma) kolenatii (Fieber,1861)* (Piesmatidae) Synonym(s): *laportei Kolenati,1857 nec Fieb.,1844; kolenatii Fieber,1861; caucasicum Péricart,1973* **04 13 36 38 51 65**

363. *Platambus lunulatus (Fischer von Waldheim,1829)* (Dytiscidae) Synonym(s): *lunulatus Fischer von Waldheim,1829* **08 16 25 28 29 53 62 65**

**364. *Platycleis (s.str.) intermedia (Audinet-Serville,[1839])* (Tettigoniidae) Synonym(s): *intermedia Audinet-Serville,[1839]; tesselatus Fischer von Waldheim,1846; krinicki Fischer von Waldheim,1846; transiens Ramme,1951* **01 03 04 06 07 08 09 10 12 13 14 15 16 18 20 21 23 24 25
26 27 30 31 32 33 34 35 36 37 38 39 42 43 44 45 46 47 48 50 51 54 56 58 59 60 61 62 63 65
67 71 78 81****

**365. *Platymetopius major (Kirschbaum,1868)* (Cicadellidae) Synonym(s): *major Kirschbaum,1868; opalinus Fieber,1876; interjectus Linnauvori,1957; atratus Dlabola,1958* **06 14 16 18 21 28 32 35 45 51
54 55 59 60 63 65 73****

366. *Platymetopius shirazicus Dlabola,1974* (Cicadellidae) Synonym(s): *shirazicus Dlabola,1974* **65**

**367. *Platynaspis luteorubra (Goeze,1777)* (Coccinellidae) Synonym(s): *luteorubra Goeze,1777* **01 06
16 25 65****

368. *Platystoma seminationis (Fabricius,1775)* (Platystomidae) Synonym(s): *seminationis Fabricius,1775; fuliventre Schrank,1781; biseta Loew,1868; vegetationis Rondani,1869;* **65 70**

**369. *Polistes dominulus (Christ,1791)* (Vespidae) Synonym(s): *dominulus Christ,1791; bucharensis Erichson,1949; muchei Gusenleitner,1976* **01 02 05 06 07 08 09 10 17 20 21 24 25 26 31 32 33 34
35 36 41 42 44 45 46 47 48 49 53 55 59 60 63 65 76 78****

**370. *Polistes gallicus (Linnaeus,1767)* (Vespidae) Synonym(s): *gallicus Linnaeus,1767; foedratus Kohl,1898; omissus Weyrauch,1939* **01 02 06 07 08 09 10 13 20 21 22 23 24 25 26 31 32 33 34 35
36 40 42 44 45 46 47 53 55 63 65 73 75 76 77 78****

371. *Polypedilum breviantennatum Tchern.,1949* (Chironomidae) Synonym(s): *breviantennatum Tchern.,1949* **01 07 23 31 65**

372. *Polypedilum convictum (Walker,1856)* (Chironomidae) Synonym(s): *convictum Walker,1856* **65**

**373. *Polyphaga aegyptiaca (Linnaeus,1758)* (Polyphagidae) Synonym(s): *aegyptiaca Linnaeus,1758* **01
06 16 21 31 33 34 35 65****

374. *Polyphylla (s.str.) olivieri (Laporte de Castelnau,1840)* (Scarabaeidae) Synonym(s): *olivieri Laporte de Castelnau,1840* **07 13 14 16 43 55 65**

**375. *Pompilus cinereus (Fabricius,1787)* (Pompilidae) Synonym(s): *cinereus Fabricius,1787* **07 09 10
33 34 36 56 57 65****

**376. *Populicerus sharifi Dlabola,1977* (Cicadellidae) Synonym(s): *sharifi Dlabola,1977* **06 18 22 38
50 65 66****

377. *Potthastia sp.* (Chironomidae) Synonym(s): **65**

**378. *Priocnemis vulgaris (Dufour,1841)* (Pompilidae) Synonym(s): *vulgaris Dufour,1841* **01 07 08 13
14 15 24 25 34 36 42 50 53 58 65 73****

379. *Procladius sp.* (Chironomidae) Synonym(s): **65**

380. *Protaetia (Potosia) cuprea (Fabricius,1775)* (Scarabaeidae) Synonym(s): *cuprea Fabricius,1775* **01 06 07 13 14 22 26 27 31 33 37 38 42 43 46 51 60 65 70 76 80**

**381. *Protaetia (Potosia) funebris (Gory & Percheron,1833)* (Scarabaeidae) Synonym(s): *funebris Gory & Percheron,1833; exclamationalis Faldermann,1835; funesta Ménétriés,1836; aethiessoides Reitter,1898; lambillionea Alexis & Delphont,2000* **01 04 05 06 08 09 11 12 13 16 17 20 23 25 27 30 31 32 33 35
36 37 42 46 47 49 51 53 56 58 60 61 65 73****

**382. *Psammotettix alienus (Dahlbom,1850)* (Cicadellidae) Synonym(s): *alienus Dahlbom,1850; breviceps Kirschbaum,1868; flavidus Fieber,1869; karafutonis Matsumura,1914* **01 05 06 07 10 14 16 19
21 24 25 30 33 37 41 42 44 47 49 50 54 55 56 57 64 65 66 76 80****

383. Psammotettix cephalotes (Herrick-Schäffer,1834) (Cicadellidae) Synonym(s): *cephalotes Herrich-Schäffer,1834; citrinellus Kirschbaum,1868; sulphurellus Kirschbaum,1868; tristis Kirschbaum,1868; normani Scott,1881* **06 24 32 42 65**

384. Psammotettix comitans Emelyanov,1964 (Cicadellidae) Synonym(s): *comitans Emelyanov,1964* **06 51 54 65**

385. Psammotettix confinis (Dahlbom,1850) (Cicadellidae) Synonym(s): *confinis Dahlbom,1850; eurylobus Kirschbaum,1868; heydeni Fieber,1872; thenii Edwards,1915; spathifer Ribaut,1925* **01 04 06 07 10 13 24 25 28 30 32 36 42 52 55 56 58 65 76**

386. Psammotettix ornaticeps (Horvath,1897) (Cicadellidae) Synonym(s): *ornaticeps Horvath,1897* **06 25 51 65**

387. Psammotettix pictipennis (Kirschbaum,1868) (Cicadellidae) Synonym(s): *pictipennis Kirschbaum,1868; fasciatus Fieber,1869* **01 06 07 14 18 24 30 38 44 46 51 63 65 68 70 74 76 81**

388. Psammotettix provincialis (Ribaut,1925) (Cicadellidae) Synonym(s): *provincialis Ribaut,1925* **01 06 07 14 18 21 22 25 34 35 38 42 50 54 55 65**

389. Psectrocladius psilopterus Kieffer,1906 (Chironomidae) Synonym(s): *psilopterus Kieffer,1906* **31 65**

390. Psectrocladius serpentrionalis Tchern.,1949 (Chironomidae) Synonym(s): *serpentrionalis Tchern.,1949* **65**

391. Psectrocladius stratiotis Kieffer,1911 (Chironomidae) Synonym(s): *stratiotis Kieffer,1911* **08 65**

392. Psectrocladius ventricosus Kieffer,1911 (Chironomidae) Synonym(s): *ventricosus Kieffer,1911* **65**

393. Pseudepipona (Deuterepipona) ankarensis Giordani Soika,1970 (Vespidae) Synonym(s): *ankarensis Giordani Soika,1970* **06 42 65 70**

394. Pseudocleles oedipoides Bolivar,1899 (Acrididae) Synonym(s): *oedipoides Bolivar,1899; arpatchai Dirsh,1949; uvarovi Dirsh,1949; krahmeri Harz,1978* **02 08 30 36 46 65**

395. Pseudolynchia canariensis (Macquart,1839) (Hippoboscidae) Synonym(s): *canariensis Macquart,1839; maura Bigot,1885* **65**

396. Psiliglossa anatolica Giordani Soika,1979 (Vespidae) Synonym(s): *anatolica Giordani Soika,1979* **04 25 65**

397. Ptyngidricerus albardanus (McLachan,1891) (Ascalaphidae) Synonym(s): *albardanus McLachan,1891* **02 13 30 44 47 65**

398. Ptyngidricerus albardanus albardanus (McLachan,1891) (Ascalaphidae) Synonym(s): *albardanus McLachan,1891* **02 13 30 44 47 65**

399. Purpuricenus tommasoi Sama,2001 (Cerambycidae) Synonym(s): *tommasoi Sama,2001* **65**

400. Purpuricenus wachanrui Levrat,1858 (Cerambycidae) Synonym(s): *wachanrui Levrat,1858* **02 65**

401. Pyrgodera armata (Fischer von Waldheim,1820) (Acrididae) Synonym(s): *armata Fischer von Waldheim,1820* **01 02 04 05 06 07 08 12 13 16 19 21 23 25 26 27 30 32 33 36 38 42 44 46 47 49 50 51 58 62 63 65 71**

402. Pyrobombus niveatus (Kriechbaumer,1870) (Apidae) Synonym(s): *niveatus Kriechbaumer,1870* **06 07 14 19 25 26 38 42 51 65**

403. Pyrrhocoris apterus (Linnaeus,1758) (Pyrrhocoridae) Synonym(s): *apterus Linnaeus,1758; clamariensis Fallén,1829* **01 04 06 09 11 16 19 22 23 24 25 26 31 34 35 38 39 42 45 46 49 50 51 55 65 72 73 76**

404. Reptalus (s.str.) quinquecostatus (Dufour,1833) (Cixiidae) Synonym(s): *quinquecostatus Dufour,1833; pallidus Kusnezov,1937; flavidus Kusnezov,1937; rufocarinatus Kusnezov,1937* **04 05 06 08 11 17 22 23 25 32 34 35 39 44 49 50 55 56 59 60 61 63 65 74 76 81**

405. Reptalus (Trepalus) rufocarinatus (Kusnezov,1937) (Cixiidae) Synonym(s): *rufocarinatus Kusnezov,1937; bitinctus Dlabola,1961* **01 06 25 46 65 76**

406. Rheotanytarsus exiguus Joh.,1937 (Chironomidae) Synonym(s): *exiguus Joh.,1937* **01 65**

407. Rhoanarus hypochlorus (Fieber,1869) (Cicadellidae) Synonym(s): *hypochlorus Fieber,1869* **06 13 14 25 26 36 65 76**

408. Rhynchites hungaricus (Herbst,1784) (Attelabidae) Synonym(s): *hungaricus Herbst,1784; marginatus Schrank,1798; ursus Gebler,1830; anatolicus Schilsky,1903; marginicollis Schilsky,1903; maculicollis Reitter,1916; suturifer Reitter,1916* **01 02 03 05 06 07 09 10 11 12 13 15 16 18 19 20 23 24 25 26 27 30 31 32 33 34 35 37 42 45 46 47 48 55 57 60 64 65 66 70 80**

409. Rhynocoris flavolimbatus (Jakovlev,1889) (Reduviidae) Synonym(s): *flavolimbatus Jakovlev,1889* **01 27 51 65**

410. Rhytidodus nobilis (Fieber,1868) (Cicadellidae) Synonym(s): *nobilis Fieber,1868; trifasciatus Kirschbaum,1868* **65**

411. Ribautodelphax pallens (Stål,1854) (Delphacidae) Synonym(s): *pallens Stål,1854* **24 25 36 65**

412. Ricania hedenborgi Stål,1865 (Ricaniidae) Synonym(s): *hedenborgi Stål,1865* **07 21 35 47 65 73**

413. Ronisia brutia (Petagna,1787) (Mutillidae) Synonym(s): *brutia Petagna,1787; torosa Costa,1858; duplex Radoszkowski,1885* **03 11 20 22 24 25 30 33 35 36 42 60 65**

414. **Saga ephippigera Fischer von Waldheim,1846** (Tettigoniidae) Synonym(s): *ephippigera Fischer von Waldheim,1846* **01 02 08 12 13 21 23 24 25 30 31 36 38 44 46 47 48 49 56 62 63 65 76 80**

415. **Sapyga (s.str.) caucasica Radoszkowski,1880** (Sapygidae) Synonym(s): *caucasica Radoszkowski,1880* **08 25 30 36 65**

416. **Sapyga (s.str.) morawitzi Turner,1911** (Sapygidae) Synonym(s): *morawitzi Turner,1911; gussakovskii Kurzenko,1986* **11 21 23 30 33 42 58 63 65 73**

417. **Sapyga (s.str.) pulcherrima Morawitz,1894** (Sapygidae) Synonym(s): *pulcherrima Morawitz,1894* **06 33 40 50 58 60 65**

418. **Sapyga (s.str.) quinquepunctata (Fabricius,1781)** (Sapygidae) Synonym(s): *quinquepunctata Fabricius,1781* **02 07 13 14 25 30 33 34 42 48 50 51 55 58 63 65 73**

419. **Sapyga (s.str.) similis (Fabricius,1793)** (Sapygidae) Synonym(s): *similis Fabricius,1793; variegata Dahlbom,1844; exornata Gerstraeker,1861; pedestris Gerstraeker,1861; rufipes A.Costa,1864* **65**

420. **Scarabaeus pius (Illiger,1803)** (Scarabaeidae) Synonym(s): *pius Illiger,1803* **06 07 11 14 21 26 27 32 35 40 45 48 60 63 65**

421. **Scarodytes halensis (Fabricius,1787)** (Dytiscidae) Synonym(s): *halensis Fabricius,1787* **03 06 07 08 16 26 29 32 33 35 38 65 66**

422. **Scathophaga stercoraria (Linnaeus,1758)** (Scathophagidae) Synonym(s): *stercoraria Linnaeus,1758; merdaria Fabricius,1794; asticha Szilady,1926* **34 65 75**

423. **Schistocerca gregaria (Forskal,1775)** (Acrididae) Synonym(s): *gregaria Forskal,1775* **21 27 30 31 46 47 49 56 57 58 63 65**

424. **Sciocoris deltocephalus Fieber,1861** (Pentatomidae) Synonym(s): *deltocephalus Fieber,1861* **06 10 21 22 24 35 48 51 65**

425. **Sciocoris macrocephalus Fieber,1851** (Pentatomidae) Synonym(s): *macrocephalus Fieber,1851* **01 02 06 07 10 11 15 16 17 21 22 25 27 29 32 33 34 35 36 38 43 46 48 50 51 56 59 65**

426. **Sciocoris ochraceus Fieber,1861** (Pentatomidae) Synonym(s): *ochraceus Fieber,1861; #ochraseus Önder et al.,2006* **01 21 23 31 33 35 46 47 56 65 73**

427. **Scolia sexmaculata (Müller,1766)** (Scoliidae) Synonym(s): *sexmaculata Müller,1766; biguttata Fabricius,1804; violacea Panzer,1799; syriaca Klug,1832; hispanica Betrem,1935; beiruti Betrem,1935; montana Steinberg,1962; dionysopolis Tkalcu,1988* **01 02 04 06 07 08 09 13 15 21 24 25 27 30 34 35 36 38 42 53 65 73 76**

428. **Scymnus apetzi Mulsant,1846** (Coccinellidae) Synonym(s): *apetzi Mulsant,1846* **01 07 09 25 30 35 48 65**

429. **Scymnus quadriguttatus Capra,1924** (Coccinellidae) Synonym(s): *quadriguttatus Capra,1924* **06 07 16 20 26 35 37 45 65 75**

430. **Selenocephalus armeniacus Lindberg,1960** (Cicadellidae) Synonym(s): *armeniacus Lindberg,1960* **02 04 13 21 23 24 29 44 47 49 50 63 65**

431. **Selenocephalus sirvadi Dlabola,1965** (Cicadellidae) Synonym(s): *sirvadi Dlabola,1965* **01 04 13 27 63 65**

432. **Semnobia interrupta (Pic,1905)** (Cerambycidae) Synonym(s): *interrupta Pic,1905* **13 65**

433. **Sigara assimilis (Fieber,1848)** (Corixidae) Synonym(s): *assimilis Fieber,1848* **13 35 42 65**

434. **Sigara lateralis Leach,1818** (Corixidae) Synonym(s): *lateralis Leach,1818* **01 03 04 06 07 08 09 13 16 17 21 22 26 27 33 35 36 38 39 41 42 53 59 65 67**

435. **Sigara nigrolineata (Fieber,1848)** (Corixidae) Synonym(s): *nigrolineata Fieber,1848* **01 04 06 07 08 14 16 17 21 22 26 27 34 35 36 41 42 53 54 61 63 65**

436. **Smaragdina limbata (Steven,1806)** (Chrysomelidae) Synonym(s): *limbata Steven,1806; dorsalis Olivier,1808* **31 65**

437. **Sogatella vibix (Haupt,1927)** (Delphacidae) Synonym(s): *furcata Matsumura,1910; vibix Haupt,1927; matsumurana Metcalf,1943; longifurcifera Esaki & Ishihara,1947; panicicola Ishihara,1949; dogensis Ishihara,1952; catoptron Fennah,1963; parakolophon Linnaevoori,1973; diachenheia Kuoh,1977* **02 05 06 07 09 13 21 23 27 31 33 35 42 47 50 56 63 65 73**

438. **Sphaerophoria scripta (Linnaeus,1758)** (Syrphidae) Synonym(s): *scripta Linnaeus,1758; gemmata Scopoli,1763; fasciata Müller,1764; invisita Harris,1776; menthostri De Geer,1776* **01 06 25 35 37 38 46 60 65**

439. **Sphenella marginata (Fallén,1814)** (Tephritidae) Synonym(s): *marginata Fallén,1814* **01 07 08 31 32 35 38 51 65**

440. **Sphingonotus (s.str.) nebulosus (Fischer von Waldheim,1846)** (Acrididae) Synonym(s): *nebulosus Fischer von Waldheim,1846* **05 06 07 18 42 46 48 51 65**

441. **Spilostethus pandurus (Scopoli,1763)** (Lygaeidae) Synonym(s): *pandurus Scopoli,1763* **01 03 06 07 09 11 15 16 17 18 20 22 23 26 27 31 33 34 35 38 39 42 43 45 48 51 46 64 65 67**

442. **Stagonomus amoenus (Brullé,1832)** (Pentatomidae) Synonym(s): *amoenus Brullé,1832* **01 05 06 10 11 16 17 22 31 33 38 39 42 46 52 55 59 60 65 70 78 80**

443. **Stauroderus scalaris (Fischer von Waldheim,1846)** (Acrididae) Synonym(s): *scalaris Fischer von Waldheim,1846* **18 53 55 65**

444. **Stenometopiellus angorensis Zachvatkin,1946** (Cicadellidae) Synonym(s): *angorensis Zachvatkin,1946; tesquorum Emeljanov,1964* **04 06 13 21 24 25 30 36 42 44 50 63 65 73 76**

445. **Stictochironomus sp.1** (Chironomidae) Synonym(s): **01 31 65**

446. **Stictochironomus sp.2** (Chironomidae) Synonym(s): **23 65**

447. **Stictoleptura tripartita (Heyden,1889)** (Cerambycidae) Synonym(s): *tripartita Heyden,1889* **02 13 65**

448. **Stictopleurus riveti Royer,1923** (Rhopalidae) Synonym(s): *riveti Royer,1923* **01 11 15 17 21 22 30 36 43 45 56 63 64 65**

449. **Stictotarsus griseostriatus (De Geer,1774)** (Dytiscidae) Synonym(s): *griseostriatus De Geer,1774* **08 25 53 65**

450. **Stylosomus flavus Marseul,1875** (Chrysomelidae) Synonym(s): *flavus Marseul,1875* **37 65**

451. **Sympetrum flaveolum (Linnaeus,1758)** (Libellulidae) Synonym(s): *flaveolum Linnaeus,1758* **09 25 33 35 40 45 65**

452. **Sympetrum fonscolombii (Selys,1840)** (Libellulidae) Synonym(s): *fonscolombii Selys,1840* **15 16 24 25 33 35 46 47 58 65**

453. **Sympetrum meridionale (Selys,1841)** (Libellulidae) Synonym(s): *meridionale Selys,1841* **05 06 16 25 31 33 44 45 47 48 65 80**

454. **Sympetrum pedemontanum (Allioni,1766)** (Libellulidae) Synonym(s): *pedemontanum Allioni,1766* **65**

455. **Sympetrum striolatum (Charpentier,1840)** (Libellulidae) Synonym(s): *striolatum Charpentier,1840* **05 10 16 24 33 35 47 48 65**

456. **Tabanus alvarengia Schacht,1987** (Tabanidae) Synonym(s): *alvarengia Schacht,1987* **08 30 47 65 73**

457. **Tabanus anthrax Olsufjev,1937** (Tabanidae) Synonym(s): *anthrax Olsufjev,1937* **03 30 51 65 73**

458. **Tabanus bromius Linnaeus,1758** (Tabanidae) Synonym(s): *bromius Linnaeus,1758; antophilus Loew,1858* **01 02 03 04 05 06 07 08 09 10 11 12 14 16 17 18 19 20 21 22 23 25 26 28 29 30 31 32 33 35 36 38 39 40 42 43 44 46 49 50 51 52 53 54 55 56 57 58 59 61 65 67 68 69 73 74 77 78 81**

459. **Tabanus glaucopis Meigen,1820** (Tabanidae) Synonym(s): *ferrugineus Meigen,1804 nec Ström,1768; glaucopis Meigen,1820* **06 08 10 11 17 22 26 30 33 34 35 36 39 42 43 49 51 55 57 59 65 67 74 78 81**

460. **Tabanus olsufjevi Hauser,1960** (Tabanidae) Synonym(s): *olsufjevi Hauser,1960* **30 65**

461. **Tabanus semiargenteus Olsufjev,1937** (Tabanidae) Synonym(s): *semiargenteus Olsufjev,1937* **30 36 65**

462. **Tabanus swiridowi Portschninsky,1882** (Tabanidae) Synonym(s): *swiridowi Portschninsky,1882* **08 25 36 58 65 73 75 76**

463. **Tabanus unifasciatus Loew,1858** (Tabanidae) Synonym(s): *unifasciatus Loew,1858; albescens Kröber,1928* **03 04 06 07 10 11 14 16 17 19 22 23 24 25 26 30 33 36 38 39 40 42 43 44 46 50 51 53 57 58 59 60 65 66 81**

464. **Tabanus yasujensis Bogatschev & Samedov,1949** (Tabanidae) Synonym(s): *yasujensis Bogatschev & Samedov,1949* **06 16 30 33 65**

465. **Tachyagetes bytinskii Haupt,1962** (Pompilidae) Synonym(s): *bytinskii Haupt,1962* **43 50 58 65 76**

466. **Tachyagetes konyanus Wolf,1987** (Pompilidae) Synonym(s): *konyanus Wolf,1987* **19 42 65**

467. **Tachyagetes turcoturanicus Wolf,1986** (Pompilidae) Synonym(s): *turcoturanicus Wolf,1986* **24 42 50 58 65**

468. **Tachycixius logvinenkova Dlabola,1974** (Cixiidae) Synonym(s): *logvinenkova Dlabola,1974* **06 65**

469. **Tamaricella ribauti (Zachvatkin,1947)** (Cicadellidae) Synonym(s): *ribauti Zachvatkin,1947* **25 58 65**

470. **Tamaricella tamaricis (Puton,1872)** (Cicadellidae) Synonym(s): *tamaricis Puton,1872; subpunctata Vilbaste,1961* **01 06 21 25 65**

471. **Tanyproctus carbonarius Faldermann,1835** (Scarabaeidae) Synonym(s): *carbonarius Faldermann,1835* **65**

472. **Tanypus punctipennis Meigen,1818** (Chironomidae) Synonym(s): *punctipennis Meigen,1818* **23 65**

473. **Tanytarsus gregarius Kieffer,1911** (Chironomidae) Synonym(s): *gregarius Kieffer,1911* **23 65**

474. **Telostegus cretensis Priesner,1965** (Pompilidae) Synonym(s): *cretensis Priesner,1965* **50 65**

475. **Telostegus excisus (Haupt,1930)** (Pompilidae) Synonym(s): *excisus Haupt,1930* **42 58 65**

476. **Telostegus fumigatus (Klug,1834)** (Pompilidae) Synonym(s): *fumigatus Klug,1834* **11 13 16 26 42 44 50 65 76**

477. **Telostegus inermis (Brullé,1832)** (Pompilidae) Synonym(s): *inermis Brullé,1832; ater Haupt,1930* **04 06 07 08 09 13 20 24 25 33 35 36 38 42 44 45 50 51 58 65 73 76**

478. *Tenthredo vespa* Retzius,1783 (Tenthredinidae) Synonym(s): *vespa* Retzius,1783; *multifasciata* Geoffroy,1785; *sexannulata* Schrank,1802; *tricincta* Fabricius,1804 nec Christ,1791; *quadricincta* Fallén,1808; *vespiformis* Audinet-Serville,1823; *multicinctus* Rudow,1872; *nigrilabris* Frivaldszky,1877 **25 53 61 65**

479. *Tentyria tessulata* Tauscher,1812 (Tenebrionidae) Synonym(s): *tessulata* Tauscher,1812 **02 65**

480. *Tephritis merzi* Freidberg & Küttük,2002 (Tephritidae) Synonym(s): *merzi* Freidberg & Küttük,2002 **07 33 65**

481. *Tephritis postica* (Loew,1844) (Tephritidae) Synonym(s): *postica* Loew,1844 **01 05 07 09 15 20 23 32 35 37 38 43 45 46 50 58 65**

482. *Tephritis pulchra* (Loew,1844) (Tephritidae) Synonym(s): *pulchra* Loew,1844 **01 06 38 65**

483. *Tephritis lauta* (Loew,1869) (Tephritidae) Synonym(s): *lauta* Loew,1869 **38 58 65**

484. *Tephrochlamys laeta* (Meigen,1830) (Heleomyzidae) Synonym(s): *laeta* Meigen,1830 **07 65**

485. *Teratolytta kulzeri* Kaszab,1958 (Meloidae) Synonym(s): *kulzeri* Kaszab,1958 **65 73**

486. *Teratolytta vanensis* Kaszab,1968 (Meloidae) Synonym(s): *vanensis* Kaszab,1968 **01 65**

487. *Tetrix bolivari* (Saulcy,1901) (Tetrigidae) Synonym(s): *bolivari* Saulcy,1901 **04 06 08 12 13 14 21 23 31 34 35 36 42 44 50 61 63 65 71**

488. *Tettigometra (Mitricephalus) macrocephalus* (Fieber,1865) (Tettigometridae) Synonym(s): *macrocephalus* Fieber,1865; *longiceps* Signoret,1866; *concolor* Fieber,1876 (*praeocc.*); *contaminatus* Metcalf,1932 **06 41 54 65**

489. *Tettigometra (s.str.) sulphurea* Mulsant-Rey,1855 (Tettigometridae) Synonym(s): *sulphurea* Mulsant-Rey,1855; *mendax* Horvath,1888; *scutellaris* Horvath,1903 **01 06 07 08 09 10 11 16 21 23 35 43 50 54 63 64 65**

490. *Tettigometra (s.str.) virescens* (Panzer,1799) (Tettigometridae) Synonym(s): *virescens* Panzer,1799; *dorsalis* Latreille,1804 **01 02 06 07 08 16 20 21 23 24 25 27 31 47 62 63 65 76**

491. *Tettigometra (Stirometra) costulata* Fieber,1865 (Tettigometridae) Synonym(s): *costulata* Fieber,1865; *parviceps* Signoret,1866; *heydenii* Kirschbaum,1868; *abrupta* Fieber,1876; *albofasciata* Fieber,1876; *unifasciata* Fieber,1876 **01 02 08 12 21 23 24 25 27 30 44 47 63 65 72 76**

492. *Tettigometra vitellina* Fieber,1865 (Tettigometridae) Synonym(s): *vitellina* Fieber,1865 **06 65**

493. *Tettigonia caudata* (Charpentier,1845) (Tettigoniidae) Synonym(s): *caudata* Charpentier,1845; *kolenatii* Fischer von Waldheim,1846; *longicauda* Eversmann,1848; *prasina* Fieber,1852; *armeniaca* Tarbinsky,1940 **01 02 04 06 07 08 09 12 13 16 21 22 23 25 26 30 35 39 44 45 46 51 59 63 65 71**

494. *Tettigonia turcica* Ramme,1951 (Tettigoniidae) Synonym(s): *turcica* Ramme,1951 **30 51 65 73**

495. *Thienemannimyia lentiginosa* (Fries,1830) (Chironomidae) Synonym(s): *lentiginosa* Fries,1830 **08 12 65**

496. *Tibicina serhadensis* sp.n. ²⁰ (Cicadidae). For brief description see below, footnote 20. **65**

497. *Tipula (Acutipula) latifurca* Vermoolen,1983 (Tipulidae) Synonym(s): *latifurca* Vermoolen,1983 **01 03 06 07 13 15 30 32 38 42 48 49 53 61 65**

498. *Tipula (Tipula) orientalis* Lackschewitz,1930 (Tipulidae) Synonym(s): *orientalis* Lackschewitz,1930 **02 03 6 07 08 09 13 15 17 25 32 33 35 38 42 48 49 52 57 58 65**

499. *Tipula (Yamatotipula) guentheri* Oosterbroek,1994 (Tipulidae) Synonym(s): *guentheri* Oosterbroek,1994 **13 29 30 62 65 68 69 73**

500. *Tremulicerus mesopyrrhus* (Kirschbaum,1868) (Cicadellidae) Synonym(s): *mesopyrrhus* Kirschbaum,1868; *socialis* Fieber,1868; *variegata* Ribaut,1952 **01 06 07 13 18 25 29 35 42 45 65**

²⁰ ***Tibicina serhadensis* sp.n.** - This new species is apparently restricted to the mountains of South of Van Lake Basin, and has a very short flight period in early July. Adults inhabit mainly in the tragicanthic-malacophyllous mountain steppe, in deep hot valleys between about 2000-2200m, and alpine meadows. A good series of males and females were collected by the authors from the following localities; Kurubaş, Yapılı mezarlığı, and Ardiç vadisi (observed); the latter two localities are placed in the Çatak district. In a separate publication, this species will be described and illustrated in details. For the acoustical data of male songs, a separate collaborative publication will be appreciated. For the time being, the following diagnostic morphological characters are given briefly: Holotype ♂: Head black, with whitish hairs, eyes brown, ocelli orange, antennae black; pronotum black, covered with whitish hairs, dorsal median fascia light brown and distinct, on both sides of it two transversal black markings prominent; dorsal parts of thorax and abdomen black with sporadic hairy; thoracal orange ornamentation similar to *Tibicina tomentosa* to some degree but different; central and basal part of forewing costa and basal veins of both wings orange, all other veins of both wings black in colour and well developed; moreover, veins of outer cells of forewing strongly suffused by black. All the wing membranous but never transparent, bluish-greyish milky in colour. Legs orange partly with black markings. Pygophore strong and black coloured in general, sides of subgenital plate yellow; uncus black, broad basally but its terminal part elongated and curved inwards in lateral view; aedeagus strong basally, partly flattened, nearly U-shaped, its terminal part weak, flattened, pointed, and light yellow in colour. Measurements (in mm.) (Holo- and paratypes): Yapılı 9♂ (forewing 29-36, average: 31.33), 12♀ (forewing: 29-40, average: 33.25); Kurubaş 13♂ (forewing: 34-40, average: 36.15), 8♀ (forewing: 36-39, average: 37.62). Variabilities: Females are larger in size than the males. In both sexes, adults of Kurubaş population are larger than those of Yapılı population. In one male, orange colouration is greatly reduced on wings, body, and legs.

This species is somewhat similar to *Tibicina tomentosa* in appearance but differs from it also from *Tibicina steveni* from Taurus Mts. especially by the structural differences of the thorax, and colouration of the wing veins, and male pygophore.

Derivation of the species name: The name "serhad" means "frontier". Van province, living place of this new species, is actually frontier territories of the Republic of Turkey! Type-series: Holotype ♂ and Paratypes (41♂♀): Van Province, Çatak, Yapılı mezarlığı 2180m 17 2009, 21♂♂♀♀, 8 nymphal skins leg. M.Kemal & A.Koçak; Kurubaş geçidi 1950-2100m, 3-4 7 2009 21♂♂♀♀ leg. M.Kemal & A.Koçak (in coll. Cesa). The new species fly together with *Cicadatra persica* Kirkaldy.

501. **Tremulicerus poecilus (Herrich-Schäffer,1835)** (Cicadellidae) Synonym(s): *poecilus Herrich-Schäffer,1835; falciger Boheman,1845; discolor Flor,1861; venustus Scott,1874* **13 29 37 65**

502. **Trichodes ephippiger Chevrolat,1874** (Cleridae) Synonym(s): *ephippiger Chevrolat,1874* **01 12 13 21 23 25 27 30 44 46 47 49 62 63 65**

503. **Trichodes laminatus Chevrolat,1843** (Cleridae) Synonym(s): *laminatus Chevrolat,1843* **01 06 07 09 27 31 33 34 35 38 42 44 45 48 51 64 65 68 70 71 80**

504. **Trichodes pulcherrimus Escherich,1892** (Cleridae) Synonym(s): *pulcherrimus Escherich,1892* **13 24 30 38 42 47 58 62 65 72**

505. **Trichodes sexpustulatus Chevrolat,1874** (Cleridae) Synonym(s): *sexpustulatus Chevrolat,1874; erratus Champenois,1898* **01 06 07 08 25 29 33 38 44 50 51 58 61 62 65**

506. **Trichodes sipylos (Linnaeus,1758)** (Cleridae) Synonym(s): *sipylos Linnaeus,1758; subfasciatus Kraatz,1873; frater Kraatz,1893; fraterculus Zaitzev,1915* **06 07 09 11 12 13 17 20 23 24 27 30 32 33 35 38 42 45 46 47 48 51 58 62 65 68 76**

507. **Trupanea amoena (Frauenfeld,1857)** (Tephritidae) Synonym(s): *amoena Frauenfeld,1857; #amonea Giray,1979* **04 30 35 38 58 65**

508. **Trupanea stellata (Fuesslin,1775)** (Tephritidae) Synonym(s): *stellata Fuesslin,1775* **06 08 10 35 38 48 58 65**

509. **Truxalis robusta (Uvarov,1916)** (Acrididae) Synonym(s): *robusta Uvarov,1916* **05 07 27 31 33 44 46 63 65**

510. **Tshurtshurnella trifasciata (Linnauvori,1965)** (Issidae) Synonym(s): *trifasciata Linnauvori,1965* **02 21 31 33 65**

511. **Uvarovistia (s.str.) satunini (Uvarov,1916)** (Tettigoniidae) Synonym(s): *satunini Uvarov,1916* **13 21 23 30 49 62 65**

512. **Uvarovistia (s.str.) zebra (Uvarov,1916)** (Tettigoniidae) Synonym(s): *zebra Uvarov,1916* **30 65 73**

513. **Vachiria deserta (Becker,1867)** (Reduviidae) Synonym(s): *deserta Becker,1867* **04 07 23 42 50 58 65 76**

514. **Verdanus gazelicornis (Dlabola,1980)** (Cicadellidae) Synonym(s): *gazelicornis Dlabola,1980* **08 36 61 65**

515. **Verdanus pazoukii (Dlabola,1980)** (Cicadellidae) Synonym(s): *pazoukii Dlabola,1980* **08 25 30 65**

516. **Vespa orientalis Linnaeus,1771** (Vespidae) Synonym(s): *orientalis Linnaeus,1771* **01 06 07 08 09 10 11 15 16 20 21 24 25 27 31 33 35 36 42 44 45 46 47 48 49 63 65 70 76**

517. **Vespula germanica (Fabricius,1793)** (Vespidae) Synonym(s): *germanica Fabricius,1793* **05 06 07 08 09 10 15 16 17 20 21 29 31 32 33 34 35 36 38 40 41 42 44 45 46 47 48 49 50 52 60 63 64 65 66 69 77 78**

518. **Villa hottentotta (Linnaeus,1758)** (Bombyliidae) Synonym(s): *hottentotta Linnaeus,1758; nugator Harris,1780* **65**

519. **Xylotrechus rusticus (Linnaeus,1758)** (Cerambycidae) Synonym(s): *rusticus Linnaeus,1758* **65**

520. **Zophosis osmanlis Deyrolle,1872** (Tenebrionidae) Synonym(s): *osmanlis Deyrolle,1872* **05 65**

521. **Zorochros alysidotus (Kiesenwetter,1858)** (Elateridae) Synonym(s): *alytidotus Kiesenwetter,1858* **44 65**

522. **Zyginidia (s.str.) sohrab Zachvatkin,1947** (Cicadellidae) Synonym(s): *sohrab Zachvatkin,1947; coacta Ribaut,1948* **01 02 07 12 13 21 23 27 30 36 44 56 63 65 76**

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